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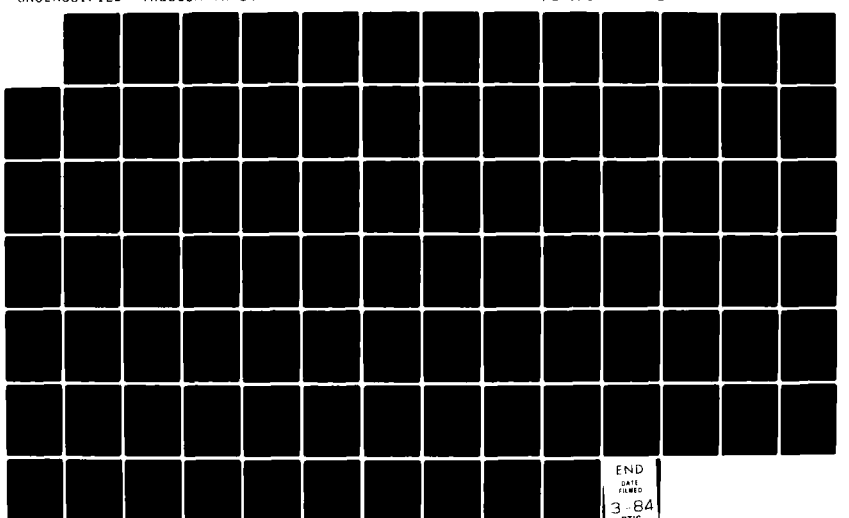

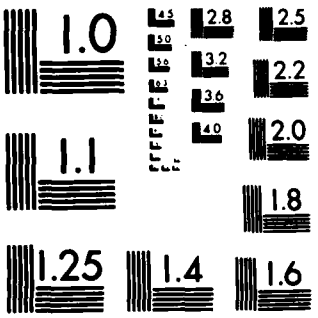

MICROCOPY RESOLUTION TEST CHART
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USATROSCOM TECHNICAL REPORT 84-1

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HISTORICAL INFLATION PROGRAM

(A COMPUTER PROGRAM GENERATING HISTORICAL INFLATION INDICES FOR ARMY AIRCRAFT)

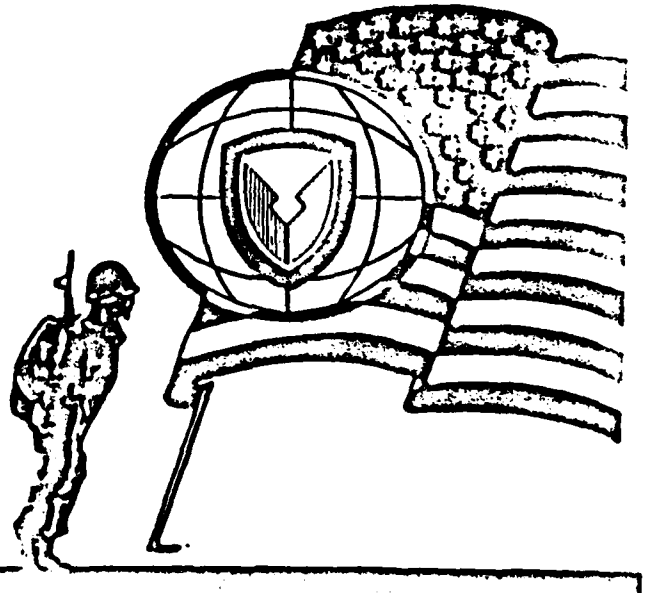
WARREN H. GILLE, JR.
JAMES R. HAMILTON

FEB 9 1984
A

FINAL REPORT
JANUARY 1984

U.S. ARMY TROOP
SUPPORT COMMAND

COMPTROLLER
COST ANALYSIS DIVISION
4300 GOODFELLOW BLVD.
ST. LOUIS, MISSOURI 63120



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HISTORICAL INFLATION PROGRAM

TR 84-1

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US Army Troop Support Command
St. Louis, Missouri 63120

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Comptroller

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18. SUPPLEMENTARY NOTES

This report has been prepared by the United States Army Troop Support Command (USATROSCOM) as a transition document. In the future, it will be prepared by the United States Army Aviation Systems Command (USAAVSCOM), St. Louis, MO 63120.

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Aircraft, Airframe, Army Aircraft, Avionics, Computer Program, Computer Simulation, Cost Analysis, Cost Estimate, Cost Growth, Cost Model, Engine, Helicopter, Helicopter Cost Growth, Historical Cost, Historical Inflation Rates, Indexes, Inflation (Economic), Methodology, Models, Prices, Procurement, Time Series Analysis, Tracking.

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report extends and revises Technical Report 83-1 which presents and describes the Historical Inflation Program, a computer program generating historical inflation indices for Army aircraft. The program can be updated monthly, is easily revised for changes in Bureau of Labor Statistics methods, and is capable of handling data for all fiscal year formats. Output is expressed as monthly, quarterly, fiscal year, and calendar year inflation indices (in calendar year 1967 base) and inflation factors (in fiscal year base). This report contains updated tables of inflation factors, expressed in the FY 83 base.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

20. ABSTRACT.

These indices and factors provide a means of adjusting historical cost data for the procurement of Army aircraft to constant year dollars. Additional features include: computations for the derivation of revised weighting factors, detailed indices enabling the adjustment of historical labor and material costs separately, a discussion of aggregate weighting factors for labor and materials (including trends from sensitivity analysis with more background materials), and additional documentation aimed at making the report useful to a large cross section of the DOD rotary wing aircraft community. This report has been revised to include the latest information concerning the UH-60A BLACK HAWK. This system has been integrated into the Historical Inflation Program for Army aircraft.

ACKNOWLEDGEMENTS

The authors extend their appreciation to Mr. Conrad Weglers of the Kansas City Regional Office of the Bureau of Labor Statistics, U.S. Department of Labor, for special assistance with wage and price data.

Credit is due Mr. John M. Barnett and Mr. H. Kevin Wille for supplying research material and data from their paper entitled UH-60A BLACK HAWK Aircraft System Peculiar Historical Inflation Indices.

Appreciation is extended to Mr. Bruce Powell, USATSARCOM DMIS, who provided the programming assistance required to introduce the UH-60A hi-technology aircraft into the Historical Inflation Program.

Mrs. Marva Campbell provided excellent clerical support in the revision of this paper.

DISCLAIMER STATEMENT

The views, opinions, and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy, or decision unless so designated by other documentation.

TABLE OF CONTENTS

TABLE OF CONTENTS

I. APPLICABILITY. The inflation indices and factors published in this report are applicable to the adjustment of historical costs for the procurement of Army aircraft. These costs are currently funded by the Aircraft Procurement, Army and Other Procurement, Army appropriations.

II. AN OVERVIEW OF THE HISTORICAL INFLATION PROGRAM

A. History

The Historical Inflation Program for Army aircraft procurement was developed using a series of documents, the first being Aerospace Price Indices, by H.G. Campbell, (December 1970). This document established a basis for the construction of general aircraft indices, identified items of special interest and concern, and demonstrated the importance of thorough analysis of material composition when constructing an historical index. Between 1973 and 1976, the United States Army Aviation Systems Command (USAAVSCOM) developed several indices for rotary wing aircraft, and from 1977 to 1983 this function was performed by the Components and Operational Studies Branch, Cost Analysis Division, Office of the Comptroller, USATSARCOM. At present the indices are being produced by the Validation/Program Branch, Cost Analysis Division, Office of the Comptroller, USATROSCOM, by transition agreement. The current indices are based on research done in the period 1972 to date. In July 1973, the Office of the Comptroller, Cost Analysis Division, made a study of materials used in the Army helicopter systems then, or most recently, in production. Cost Information Reports were assembled, and contractors were asked to supply lists of materials for both airframe and engine, on the basis of contribution to weight. Contractor technical and engineering personnel provided assistance with data interpretation and definitions for items whose composition was unclear from engineering documents and Detailed Weight Statements. In January 1983, a special research study entitled UH-60A BLACK HAWK Aircraft System Peculiar Inflation

Indices was written by H. Kevin Wille and John M. Barnett (ref 9) and data from this study has been included in this report. The following aircraft have been selected:

UH-1	OH-6	AH-1	UH-60A
CH-47	OH-58	CH-54	

This selection of aircraft is deemed typical for several reasons. First, the seven helicopter systems listed above make up over 90% of the U.S. Army's current helicopter fleet. Second, a number of these aircraft have been produced on a long term continuous basis in numerous models. Third, they are among the systems most likely to be used in developing Cost Estimating Relationships for new systems by use of parametric techniques. Fourth, they include the new high technology UH-60A BLACK HAWK aircraft.

The September 1973 historical inflation cost research report, cited in the references, was the first report to make use of this research. It was updated by the August 1974 historical cost research report, and then by a series of expanded analyses under current title, Historical Inflation Program, since that time. A list of the assumptions and changes in methodology over the period referenced are included in the technical section of this report.

B. Construction of Indices - Methodology.

The indices are developed by a stepwise, building process, which computes the contributions to cost on a weighted, value-added basis.

1. First, the contribution to cost of small parts and other purchased equipment is calculated.

2. Next, the contribution to cost of purchased equipment is combined with that of raw materials to get the cost of purchased materials.

3. Cost of purchased materials is then combined with contractor labor cost to compute the index for components such as engine or airframe.

4. The indices for engine, airframe, and avionics are combined to get indices for aggregate aircraft.

C. Indexing Techniques.

The procedure used is "cost-weighting". The information obtained from the 1973 research entitled Material Composition of U.S. Army Helicopters established percentages based on weight. Because the indices used to track material costs are based on monetary considerations (e.g., Producer Price Index; Wages, by Standard Industrial Code), percentages by weight had to be transformed into percentage contributions to cost, if PPI and SIC inflation factors were to be applied directly. Based on the premise of profit maximization, contractors should tend to minimize the use of expensive materials subject to maintaining acceptable performance standards; essentially, materials with a high cost per unit weight ratio would be used sparingly. Adjusting a percentage based on weight using a monetary index would not only result in an improper index initially, but also one with diminishing reliability. The latter bias is avoided by calculating

the contribution to cost, instead of merely the contribution to weight.

D. Weighting Factors. Although the model is developed by an iterative, stepwise process, the revised weighting factors in the table at the end of Appendix B implicitly include all calculations. The index, as stated, is merely the direct sum of the products of the weights and their corresponding material index values. The development of weighting factors is illustrated in the Technical Section.

E. Data. The data used in the program are inputted in two different forms. Yearly data are presented by calendar year 1947 to date, and monthly data are presented for 1967 to date. The yearly data, pre 1958, are condensed into three columns; the data for 1958 and later are presented in an 18 column format (14 columns for material and 4 for labor). The data, their characterization, and any redefinition by the Bureau of Labor Statistics over the years, are tracked in line diagram C-2.

F. Validity and Firmness of Data.

The Producer Price Index and hourly wage data were supplied by the Kansas City Regional Office of the Bureau of Labor Statistics, U.S. Department of Labor. The data comes in three published formats: (1) a cumulative history covering past years on a monthly basis,

(2) yearly supplements (such as wage and price index annual supplements) which list the previous twelve months, and (3) monthly publications which list the most current month and several other months for comparison.

For data to be "firm" it must be at least 18 months old because it is benchmarked and adjusted after the fact. Only small samples are taken throughout the year. However, during one month, the benchmark month, a much more comprehensive sample is taken. Due to its significantly larger sample size, the benchmark month sample is felt to be more representative than those of other individual months. If the benchmark value diverges significantly from the pattern, the other months are adjusted proportionately to conform to its base as benchmark.

The data in a cumulative history publication is felt to be firm or "final". Basically, such publications provide a chronological listing of all firm data available for the past history of those indices. However, the data in these publications is usually 18 to 24 months behind the current period. The data for each month listed in the annual supplements is not necessarily firm because benchmarks occur during the calendar year, and at different times for different series. Adjustments may not have been made before the annual supplements are published. The data in the monthly publications are even less firm. In general, the Producer Price Index data are firm before the wage indices for the corresponding month, due to the fact that it is easier to define and measure price changes for commodities than for human skills.

G. Respecification of the Data Set

From time to time, the Bureau of Labor Statistics redefines labor and material codes to meet the changing needs of its clientele and to cope with a variety of sampling problems. Due to respecification or deletion of PPI codes by BLS the data set used in the Historical Inflation Program must change. The changes since the last report are as follows:

OLD CODE AND TITLE	NEW CODE AND TITLE
10130264 Sheets, C.R. Stainless	10170755 Sheets, C.R. Stainless

The reclassification had little or no impact on this study due to the essential similarities, by definition, of the old and new material categories. The historical flow of the labor and material data from 1947 to date is illustrated by chart C-2, in appendix C.

H. Introduction of the UH-60A BLACK HAWK Aircraft

In October 1978, the first UH-60A Black Hawk helicopter was delivered to the U.S. Army. With development of the Black Hawk, an era of high technology was introduced into the construction of Army aircraft. The airframe and T700 engine of the Black Hawk embody significant technological improvements as compared with previous Army aircraft. Beginning in 1980, preparations to include the UH-60A Black Hawk in the Historical Inflation Program for Army aircraft were begun.

The addition of Black Hawk to the Historical Inflation Program required a reevaluation of the Army's average helicopter. With

the inclusion of the Black Hawk, it was evident that the weights accorded hi-tech materials such as titanium and monel metal would increase. However in 1980 it was not known how Black Hawk would affect the average bill of materials in the Historical Inflation Program or the indices themselves.

The first attempt to study the content of Black Hawk within the perspective of historical inflation was by H. Kevin Wille and John M. Barnett in their paper UH-60A Black Hawk Aircraft System Peculiar Historical Inflation Indices (reference 9). The same material data and resources used to construct their system peculiar indices were used to revise the Historical Inflation Program. The most important conclusion reached concerning the calculation of inflation indices in the revised aircraft paper was that the fourteen material and four labor categories previously established could be retained.

The second conclusion, of course, was that the relative weights of the combined bill of materials had changed and that the contributions to cost of each cost component would have to be recalculated. This was done using ratio and proportion techniques on the original analysis to establish the revised, hi-tech index equations.

The indices exhibit significant change, especially in the engine index. In addition to the current FY 83 index, the hi-tech index is also now used for FY 80 thru FY 82. The reasons for this are two. First, between 1978 and 1980 the pipeline for Black Hawk was filled. Second, according to AVSCOM project managers, in 1980, Black Hawk procurement was more than 50% of the

Army's rotary wing aircraft procurement.

I. Additional Publications Relating to this Report

The Comptroller, Cost Analysis Division, can supply the following publications which may be of assistance in using and interpreting these inflation indices:

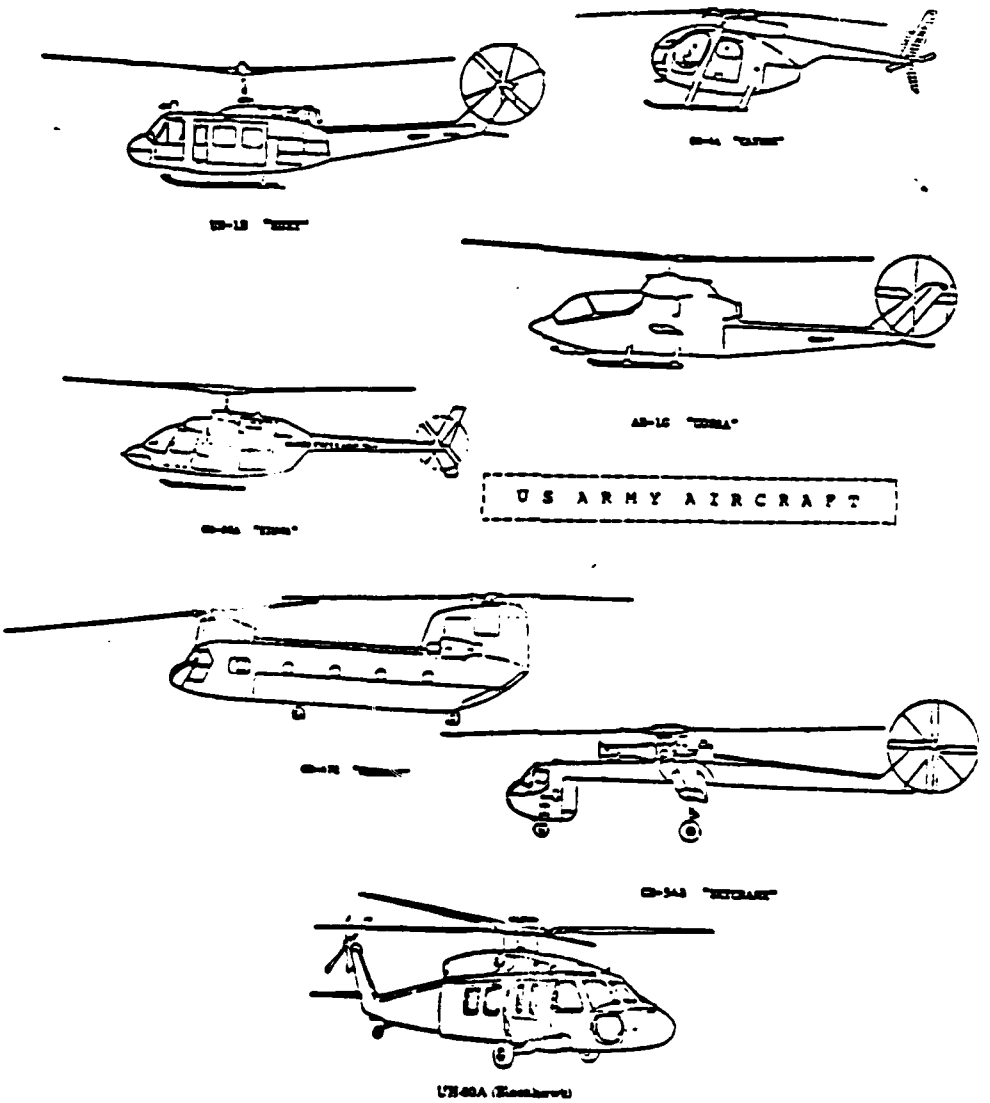
CM 82-2 Inflation Indices, An Introduction to Basic Theory and Their Application with sample problems. November 1981.

CM 84-6 The Historical Inflation Program, for Army Aircraft Abbrev Ed., January 1984.

CM 84-5 The Troop Support Inflation Program, December 1983.

US ARMY HELICOPTER MATERIAL DATA

UNITED STATES ARMY AVIATION



Air Order of Battle

United States Army - Quantities and Types of Fielded Aircraft

ROTARY WING AIRCRAFT

As of 31 December 1982

System Designation	Popular Name	Approx Empty Wt.	No. of Aircraft	Percent of Fleet
AH-1	"COBRA"	5,800 lbs.	1,041	13.0%
UH-1	"HUEY"	5,100 lbs.	3,704	46.3%
OH-6	"CAYUSE"	1,200 lbs.	369	4.6%
OH-58	"KIOWA"	1,750 lbs.	1,963	24.5%
CH-47	"CHINOOK"	19,500 lbs.	438	5.5%
CH-54	"SKYCRANE"	19,800 lbs.	72	.9%
UH-60A	"BLACK HAWK"	10,500 lbs.	419	5.2%
AH-64A*	"ADV. ATTACK"	10,400 lbs.	0	0%
			8,006	100.0%

Sources:
1. Field Manual 101-20, HQ Dept of the Army, January 1979.
2. World Combat Aircraft Directory, Doubleday & Company, 197[illegible]
3. Army Aircraft Inventory Status and Flying Time, HQ, USA-TSARCOM, 30 Oct 83, p. 14 (Unclassified)

*Six aircraft in inventory as prototypes. Fielding of Aircraft to begin in February 1984.

AMSAV-CCE 31 July 1973

MEMORANDUM THRU: Mr. Gerald Dockins, Acting Chief, Estimates and Studies Branch

FOR: Mr. Edward P. Laughlin, Chief, Cost Analysis Division

SUBJECT: Material Composition Analysis of U.S. Army Helicopters, July 1973

1. On 6 June 1973, this office received a request from Mr. W.J. Tropf, AMC Comptroller Office, Cost Analysis Division, for the material composition of a UH-1H helicopter. On 18 June 1973, Chief, AVSCOM Comptroller Office, Cost Analysis Division requested a similar analysis be performed on the following Army helicopters:

a. CH-47C.

b. OH-6A.

c. OH-58A.

d. AH-1G.

e CH-54B.

2. A search of the technical data files and aircraft drawings failed to produce the desired data. The analysis was completed with the assistance of AVSCOM Systems Engineering Division, Directorate of RD&E and pertinent U.S. Army Plant Activities. Contractors were also contacted during the data search, and others. The data obtained are a combination of expert opinion, engineering estimates and contractor data obtained under previous contracts.

3. The following Cost Analysis personnel were assigned to this project:

Aircraft System	Assigned To
UH-1H	Gerald Dockins
CH-47C	James Cadell
OH-6A	John Thilmany
OH-58A	Gerald Dockins/James Cadell
AH-1G	Gerald Dockins/James Cadell
CH-54B	James Cadell

AMSAV-CCE 31 July 1973
SUBJECT: Material Composition Analysis of U.S. Army Helicopters, July 1973

4. Copies of the Material Composition Analysis have been placed in the following files:

a. A new file folder titled "Material Composition Analysis".

b. A complete copy of the findings placed in the file folder titled "Inflation".

c. A separate file of the findings relating to turbine engines has been created.

5. Summary Tables and Material Composition Analyses are inclosed.

James N Cadell

1 Incl
as

JAMES N. CADELL
Math-Stat

MATERIAL COMPOSITION OF US ARMY HELICOPTERS

Material Composition Analysis for U.S. Army Turbine Engines Material (Pounds)

Engine Model	Dry Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Nickel Alloy	Nonmetals	Stainless Steel	Steel Alloy
T53-L-13	527	79	316	80	26	3	0	23	0	0
T63-A-5A	138	1	108	26	0	0	0	3	0	0
T63-A-700	138	1	108	26	0	0	0	3	0	0
T55-L-7C	590	0	510	50	20	10	0	0	0	0
T73-P-700	981	1	0	0	0	0	290	0	596	94
T700-GE-700	423	124	85	0	16	1	183	7	0	7

Material Composition Analysis for U.S. Army Helicopter Airframes Material (Pounds)

Aircraft Model	Airframe Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Brass	Bronze	Lead	Tungsten	Nickel Alloy	Nonmetallic
AH-1G	6,867	1,809	1,464	136	82	590	0	0	216	0	0	570
UH-1B	4,446	1,500	1,402	200	44	400	100	0	100	0	0	700
UH-60A	8,841	3,040	3,035	352	901	112	2	2	28	0	10	1,363
OH-6A	1,025	666	109	20	1	30	23	3	0	1	25	147
OH-58A	1,448	536	434	29	15	101	0	0	43	0	0	290
CH-47C	9,651	4,156	3,486	602	11	328	2	8	0	23	0	1,037
CH-54B	17,803	8,928	2,480	72	970	516	20	23	1	0	209	4,584

Σ: Included in figures for copper.

Material Composition Analysis of Army Helicopters Material (Pounds)

Aircraft Model	Empty Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Brass	Bronze	Lead	Tungsten	Nickel Alloy	Nonmetallic
AH-1G	5,394	1,588	1,780	216	108	593	0	0	216	0	0	593
UH-1B	4,973	1,579	1,718	280	70	600	100	0	100	0	0	726
UH-60A	10,679	3,847	3,604	406	1,057	130	2	2	32	0	223	1,580
OH-6A	1,161	666	218	46	1	30	23	3	0	1	25	150
OH-58A	1,586	536	543	55	15	101	0	0	43	0	0	293
CH-47C	20,483	8,312	7,989	1,304	63	676	4	16	0	45	0	2,074
CH-54B	19,765	8,931	3,860	72	970	516	20	23	1	0	784	4,584

Σ: Included in figures for copper.

AIRCRAFT LABOR AND MATERIAL BREAKDOWN

SUMMARY OF AIRFRAME AND ENGINE CIR DATA[1]

	Airframe	Engine
Labor	62.08%	40.85%
Material	37.92%	59.15%
Total Cost	100.00%	100.00%
Raw Material	41.88%	70.58%
Purchased Equipment	58.12%	29.42%
	100.00%	100.00%

NOTES:

(1) Airframe factors were obtained from a sample of 5 CIR reports and other documents representing the AH-1, CH-47, CH-54, OH-6, OH-58, and UH60A aircraft systems.

(2) Engine factors were obtained from a sample of 14 CIR reports and other documents representing 12 different turbine engine configurations procured from Lycoming, Allison, General Electric, and Pratt & Whitney.

1. From HISTORICAL INFLATION INDICES FOR ARMY AIRCRAFT US Army Aviation Systems Command, St. Louis, 1974, p. 11.

TECHNICAL SECTION

IV. ANALYSIS: (TECHNICAL SECTION).

A. Chronology. Previous efforts related to the development of inflation indices include Aerospace Price Indexes by H.G. Campbell, RAND Corporation, December 1970 (Reference 1) and two cost research reports: Historical Inflation Indices for Army Aircraft, Cost Analysis Division, Office of the Comptroller, U.S. Army Aviation Systems Command, September 1973 (Reference 4), and Historical Inflation Indices for Army Aircraft, Cost Analysis Division, Office of the Comptroller,U.S. Army Aviation Systems Command, August 1974 (Reference 5).

1. Characteristics of the RAND Report.

a. Specific Producer Prices and Price Indexes (Reference 8) and Employment and Earnings (Reference 2) data have been selected as proxy series for similar commodity and labor categories experienced in the procurement of Army aircraft. Aircraft inflation indices are constructed from a weighted average of these proxy series. The weighting factors for this average are derived from estimates of the relative contribution to the total aircraft cost made by each component (commodity or industry labor group) comprising the index. The index is thus a "cost-weighted" series.

b. A 2½ percent compounded annual rate for growth of overhead ratios is assumed.

c. No adjustment is made for productivity increases.

d. Indices are developed on a calendar year basis.

2. Characteristics of the September 1973 Cost Research Report.

a. As with the RAND report, aircraft inflation indices have been constructed from a weighted average of Producer Prices and Price Indexes and Employment and Earnings data selected as proxy series for their similarity to those commodities and labor categories experienced in the procurement of Army aircraft. Weighting factors are proportional to the relative physical weights or masses, rather than to the relative costs of commodities comprising the "composite material" portion of the index as in the RAND report. Thus, the "composite material" portion of the index represents a "weight-weighted" series.

b. Like the RAND report, a 2½ percent annual growth in the overhead ratio is assumed.

c. No adjustment is made for productivity increases.

d. Indices are developed on a calendar year basis.

e. For years for which certain specified Producer Price Indexes were unavailable, data has been projected from adjacent years.

3. Characteristics of the August 1974 Research Report.

a. As before, Producer Prices and Price Indexes and Employment and Earnings data have been selected as proxy series most similar to those commodities and labor categories experienced in the procurement of Army aircraft. The indices have been constructed from a weighted average of these proxy series utilizing the weighting factors used in the September 1973 Cost Research Report. The "composite material" portion of the index represents a "weight-weighted" series.

b. Unlike RAND and the September 1973 Cost Research Report, no adjustment for overhead growth is assumed.

c. No adjustment for productivity increases is assumed.

d. Indices have been extended to FY 1974 by assuming that data for the September 1973 Cost Research Report represented December and hence the fiscal year midpoint, rather than the annual average, of each calendar year.

e. For years for which certain specified Producer Price Indexes were unavailable, data has been projected from adjacent years.

B. Data Sources. Data sources for this report are Producer Prices and Price Indexes (reference 8) and Employment and Earnings (reference 2). To insure that the latest revisions were incorporated into the data base, data was obtained from the Kansas City Regional Office, Bureau of Labor Statistics, and annual supplements to Producer Prices and Price Indexes. For Employment and Earnings, data for any given month was obtained from the latest available source. Data used in this report are displayed in Appendices D, E, G, and H.

C. Methodology.

1. Overhead and Productivity Adjustments. On the basis of data covering a ten year period, the RAND report concluded that there exists a secular growth trend of 2½ percent per year in the production overhead rate. The report also concluded that there has been little, if any, improvement in productivity to counteract the observed trend in overhead growth. This conclusion appears to

be unwarranted, particularly in light of productivity gains recorded (as measured by Industrial Production Indices) for similar sectors of industry. Thus, in order not to unduly bias the results of the analysis, this report makes no adjustment for either overhead growth or improvements in productivity.

2. Calculation of Weighting Factors. From a number of Cost Information Reports, the following weighting factors were developed and reported in the September 1973 Cost Research Report.

For the Airframe:

Purchased Equipment = (.378) Raw Material + (.622) Labor 3728

Total Material = (.582) Purchased Equipment + (.418) Raw Material

Total Airframe = (.378) Total Material + (.622) Labor 3721

For the Engine:

Purchased Equipment = (.599) Raw Material + (.401) Labor 3728

Total Material = (.295) Purchased Equipment + (.705) Raw Material

Total Engines = (.599) Total Material + (.401) Labor 3724

And for Avionics:

Total Avionics = (.315) Material + (.685) Labor 367X

In the previously published indices, the weighting factors used to develop the material portion of the indices were made proportional to the relative physical weights of the various commodities used in the construction of the aircraft. The material portion of these indices thus represent a "weight-weighted" series. In order to be consistent with the intended

purposes of an inflation index, the methodology in this program uses index weighting factors proportional to the numerical products obtained from multiplying the relative physical commodity weights by the appropriate base year cost per pound. This yields a "cost-weighted" index giving more weight to such expensive commodities as titanium. Unfortunately, however, price per pound data are not published in Producer Prices and Price Indexes for each of the commodities used in constructing the indices. To overcome this difficulty, the per pound price was estimated from the available data of the most closely related commodities. To minimize the effect from related commodities which have relatively little economic impact, each price per pound estimate was developed from a weighted average of available data utilizing the Bureau of Labor Statistics 1975 revised relative weights published in the 1975 Annual Supplement to Producer Prices and Price Indexes. The available data then constitutes a weighted sample from which a surrogate price per pound is computed for the Producer Price Index series in question. See Appendix A for the computations for the derivation of these revised weighting factors, along with their associated cost contribution per pound.

3. Construction of Indices.

a. Calendar Year 1967 was taken as the base for these indices because this year represents the approximate midpoint of the period for which the data supports the development of each of the indices, including those which account for avionics.

Furthermore, 1967 conforms to the base used by the Bureau of Labor Statistics for Producer Price Indexes.

b. Appendix B contains the current Producer Price Index series, Employment and Earnings series, and the associated weighting factors used in the construction of the indices published in this report. Since some of these series have been in existence for only a limited time, other closely related series have been substituted with appropriate mathematical adjustments to insure continuity of the indices. This technique is considered perferable to the synthesis of data by projection from adjacent years. Appendix C depicts the historical flow and identifies the effective dates of series conversions, for the Producer Price Index and the Employment and Earnings data used in the development of the indices published in this report.

c. The term "aggregate" has been selected to indicate inflation indices applicable to the combined Airframe and Engine (aggregate Air Vehicle Excluding Avionics) and to the combined Airframe, Engine, and Avionics (Aggregate Air Vehicle Including Avionics) to avoid confusion with the term "composite" as in "composite escalation indices". Aggregate indices are based upon a standard 70-20-10 weighting (see Reference 6) of the Airframe, Engine and Avionics indices respectively. Aggregate indices are intended for the adjustment of historical cost data for which the distribution of costs for the Airframe, Engine, and Avionics components is unavailable.

d. A section depicting the raw material portion of

the inflation indices is published as Appendix I. It is intended for applications requiring greater accuracy in labor cost escalation. Appropriate labor indices can be obtained from the Bureau of Labor Statistics Employment and Earnings series (Reference 2) as follows:

Labor Category	1967 SIC Code	1972 SIC Code	Industry
Airframe Contractor	3721	3721	Aircraft
Airframe Subcontractor	3723,9	3728	Other aircraft part & equipment
Engine Contractor	3722	3724	Aircraft engines & engine parts
Engine Subcontractor	3723,9	3728	Other aircraft parts & equipment
Avionics	3674,9	367X	Other electronic components
Aggregate Air Vehicle Excluding Avionics	372	372	Aircraft and parts

With appropriate adjustments, labor cost data from specific geographic areas, manufacturers, or plants can be used. The computational formulas for labor cost indexes are given on page B-5 in appendix B.

e. The Basic Computational Methodology is as follows:

(1) For Components: Airframe, Engine, and Avionics.

(a) Calendar year indices are computed using sum of weighted calendar year labor and material indices.

(b) Fiscal year indices are computed in a manner similar to calendar year, but the yearly fiscal averages are generated from the monthly data.

(c) Quarterly indices are computed by averaging three

months data from the monthly data set.

(d) Monthly indices are computed by direct calculation using monthly data. It is a weighted average of monthly figures computed using the same methodology as in computing the calendar year indices.

For additional information, see Appendix B.

(2) Aircraft System Cost

The inflation indices for "Aggregate Vehicle" and "Aggregate Vehicle without Avionics" are produced by combining the three separate indices:

Component	Relative Weight
Airframe Index	70%
Engine Index	20%
Avionics Index	10%
Aggregate Vehicle	100%

Component	Relative Weight w/o Avionics
Airframe Index	78%
Engine Index	22%
Aggregate Vehicle without Avionics	100%

Reduced form equations are displayed in Appendix B, page B-6.

V. DESCRIPTION OF COMPUTER PROGRAM AND ASSOCIATED APPENDICES.

The Historical Inflation Program is a computer program used to generate historical inflation indices for Army aircraft and their major subsystems. Appendices D and G contain the annual data used by the program, while the monthly data, commencing July 1967, are in Appendices E and H. Producer Price Index and Earnings data in these Appendices have been arrayed into columns with the same numerical code sequence used in Appendix B. Historical inflation indices and factors are published in Appendix F. Fiscal Year, quarterly, and monthly indices have been developed from the appropriate monthly data. A section containing the raw material portion only of these indices is published as Appendix I. The labor portion of these indices may be obtained by applying the methodology described on pages B-2 through B-5 to the data contained in appendices D and E.

VI. SENSITIVITY ANALYSIS

Many considerations are important when constructing Historical Indices for tracking purposes. These certainly include the following:

a. The nature of the items chosen to comprise the index.

(1) How typical or representative the items are.

(2) How closely the proxy items approximate the actual items, if indices for the actual items are not obtainable.

(3) The number of items used, and the detail in the analysis which produced the indices.

b. The determination of the percent contribution to cost - "Cost Drivers".

c. The weighting factors employed in the overall analysis.

A difficult problem confronting cost analysts, who must determine the validity of an historical index for tracking purposes, relates to aggregate labor/material weighting factors. In tracking major weapons systems, the ratio is often stated as say 40/60 - that is 40 percent material and 60 percent labor - as percent contributions to cost. Because it is difficult for analysts to determine the "correct" aggregate mix of labor and material, being external to the project, the aggregate split is certainly of interest.

The value for any index depends on three factors:

1. The number of factors employed, and the quality and depth of the analysis.

2. The values for each component of cost used in the construction of the index.

3. The weights, or levels of importance, given to the factors, individually and collectively.

The objective of this sensitivity analysis is to shed some light on the way in which the aggregate labor/material split affects the index, which has been a controversial issue for some time. Using a set of recursive linear equations, the effect on the historical inflation index, for airframe, resulting from varying the aggregate weighting scheme was calculated, in both raw and percentage terms. The calculations were made using a Wang system 2200 minicomputer, and a sample printout follows. The results provide evidence that the key to a successful index resides in item a.(3) the number of items used, and the quality and detail in the analysis used in preparing the index. Because wages are often tied to the Producer Price Index, or other price indices, in labor agreements, it is not surprising that aggregate weighting percentages for labor and material might not be an extremely sensitive issue. However, the calculations provide strong support

for the position that the identification of cost components and the depth and quality of detail in an analysis are of paramount importance, when developing an index to be used in controlling the cost of a major weapon system.

******** S E N S I T I V I T Y A N A L Y S I S ********

(SENSITIVITY OF AIRFRAME INDEX TO CHANGES IN GROSS WEIGHTING FACTORS)

EXAMPLE USING CALENDAR YEAR 1978

*** DATA ***

GROSS MATL	GROSS LABOR	PURE MATL	PURE LABOR	NEW INDX	CURR INDX	PERCENT CHANGE
379	.6220	.2411	.7588	2.1471	2.1470	0.00
300	.8000	.1068	.8931	2.1659	2.1470	0.88
250	.7500	.1408	.8591	2.1611	2.1470	0.66
.200	.7000	.1777	.8222	2.1559	2.1470	0.41
350	.6500	.2175	.7824	2.1504	2.1470	0.15
.400	.6000	.2603	.7396	2.1444	2.1470	- 0.12
.450	.5500	.3059	.6940	2.1380	2.1470	- 0.41
.500	.5000	.3545	.6455	2.1312	2.1470	- 0.73
.550	.4500	.4059	.5940	2.1239	2.1470	- 1.07
600	.4000	.4603	.5396	2.1163	2.1470	- 1.42
.650	.3500	.5175	.4824	2.1083	2.1470	- 1.80
700	.3000	.5777	.4222	2.0998	2.1470	- 2.19
.750	.2500	.6408	.3591	2.0910	2 1470	- 2.60
.800	.2000	.7068	.2931	2.0817	2.1470	- 3.03

SIC 3721 = 7.700 SIC 3722.9 = 6.920 NEW MAT IND = 4920

VII. REFERENCES.

1. Campbell, H.G., Aerospace Price Indexes. Santa Monica, CA: The RAND Corporation, R-568-PR, December 1970.

2. Employment and Earnings. Washington, DC: US Department of Labor, Bureau of Labor Statistics

3. Field Manual 101-20, Army Aviation Planning Manual, Washington D.C.: Headquarters, Dept of the Army, January 1979.

4. Historical Inflation Indices for Army Aircraft. St. Louis, MO: US Army Aviation Systems Command, Office of the Comptroller, Cost Analysis Division, September 1973.

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3. International Financial Statistics. Washington, DC: International Monetary Fund, Monthly.

4. Letter, subject: Inflation Guidance. Alexandria, VA: US Army Materiel Development & Readiness Command, Office of the Comptroller, Cost Analysis Division, 27 April 1983.

5. Letter, subject: Use of Inflation Indices in Cost Estimates. Washington, D.C.: Headquarters Department of the Army, Office of the Comptroller of the Army, Cost Analysis Division, 9 September 1982.

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APPENDIX A

Computations For The Derivation Of Revised Weighting Factors For The Historical Inflation Program

COMPUTATIONS FOR THE DERIVATION OF REVISED WEIGHTING FACTORS FOR THE HISTORICAL INFLATION PROGRAM

PPI CODE	Commodity[1]	1967 Price Per Pound	Weight[2]	Product[3]	Weighted[4] 1967 Price Per Pound
07	RUBBER AND PLASTIC PRODUCTS				.2376
07 11 01 01	Latex	.2642	.006	.001585	
02	No. 1 Ribbed Smoked Sheets	.1992	.009	.001793	
03	No. 2 Ribbed Smoked Sheets	.1951	.021	.004097	
04	No. 3 Amber Blanket	.1820	.021	.003822	
02 11	Butyl, Regular	.25	.012	.003	
12	Neoprene, GN Type	.41	.020	.008199	
13	Styrene Butadiene, Hot	.2224	.021	.004671	
15	Polybutadiene, Non-Staining	.2476	.009	.002228	
03 21	Whole Tire Reclaim	.113	.009	.001017	
			.128	.030412	
10 13 02 62	SHEETS, CARBON STEEL	.0737			.0737
10 13 02 64	SHEETS, C.R., STAINLESS	.5531			.5531
10 15 0· 41	STEEL CASTINGS				.0497
10 15 13 51	CLOSED DIE FORGINGS				
10 15 01 11	Ingot Molds	.0497			
10 22 01 27	LEAD, PIG, COMMON	.14			.14
10 22 01 51	MAGNESIUM, PIG INGOT	.3595			.3595
10 25 01 01	ALUMINUM SHEET	.4185			.4185
10 25 01 41	ROD, SCREW, MACHINE STOCK	.6315			.6315
10 25 01 17	EXTRUSION, SOLID CIRCLE SIZE 4 TO 5[6]				.6315
10 25 01 41	Rod, Screw, Machine Stock	.6315			

PPI CODE	Commodity[1]	1967 Price Per Pound	Weight[2]	Product[3]	Weighted[4] 1967 Price Per Pound
10 25 02	COPPER AND BRASS MILL SHAPES				
31	Cartridge Brass Strip, 70-30 Alloy	.6033	.121	.073	.6216
32	Yellow Brass Rod(62-35-3 Alloy)	.4602	.082	.03774	
33	Yellow Brass Tube(70-30 Alloy)	.7841	.048	.03764	
55	Copper Sheet or Strip	.6924	.108	.07478	
			.359	.22316	
10 25 04 63	MONEL SHEET, CR 400 ALLOY	1.3752			1.3752
10 25 05	TITANIUM MILL SHAPES[5]				5.2926
25	Titanium Bar, Ground, 6AL-AV	5.2926			

NOTES:

1. Capitalized and Underlined Commodity Titles indicate PPI Series actually used in the Historical Inflation Program.

2. Weight is Bureau of Labor Statistics revised relative weight for the Producer Price Index. Source: 1975 Annual Supplement to Producer Prices and Price Indexes.

3. Product = (1967 Price Per Pound) x (Weight).

4. Weighted 1967 Price Per Pound = $\frac{\text{Product}}{\text{Weight}}$

5. 1967 Titanium Bar price per pound computed by utilizing Titanium Sponge index as surrogate for 1967 - Dec 1970. Titanium Mill Shapes index established December 1970. Titanium Sponge index for December 1970 is 95.5.

6. Tracked using proxy PPI Code 10250153 beginning in Jan 1982.

COMPUTATIONS FOR THE DERIVATION OF REVISED WEIGHTING FACTORS FOR THE HISTORICAL INFLATION PROGRAM

PPI Code	COMMODITY	Contrib. to Weight Airframe	Contrib. to Weight Engine	1967 Cost Per Pound	(DOLS) Contr. to cost per lb Airframe	(DOLS) Contr. to cost per lb Engine	Percent Contrib. to cost Airframe	Percent Contrib. to cost Engine
07	Rubber and Plastic Products	.17	.012	.2376	.04039	.00285	.0211	.0023
10 13 02 62	Sheets, Carbon Steel	.055		.0737	.00405		.0021	
10 13 02 64	Sheets, C.R., Stainless		.584	.5531		.32301		.2625
10 15 01 41	Steel Castings	.22		.0497	.01093		.0057	
10 15 13 51	Closed Die Forgings		.146	.0497		.00725		.0059
10 22 01 27	Lead, Pig, Common	.01		.14	.0014		.0007	
10 22 01 51	Magnesium, Pig Ingot	.033	.077	.3595	.01186	.02768	.0062	.0225
10 25 01 01	Aluminum Sheet	.256	.021	.4185	.10715	.00879	.0560	.0071
10 25 01 41	Rod, Screw, Machine Stock	.043	.004	.6315	.02715	.00253	.0142	.0021
10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.128	.01	.6315	.08083	.00632	.0422	.0051
10 25 02	Copper and Brass Mill Shapes	.049	.005	.6216	.03046	.00311	.0159	.0025
10 25 04 63	Monel Sheet, CR 400 Alloy	.011	.122	1.3752	.01513	.16777	.0079	.1364
10 25 05	Titanium Mill Shapes	.025	.019	5.2926	.13231	.10056	.0691	.0817
		1.000	1.000		$.46167	$.64986	.2411	.5281
							(24.11%)	(52.81%)

EXPLANATORY NOTES FOR REVISED WEIGHTING FACTORS

HISTORICAL INFLATION PROGRAM

$$\text{CONTRIBUTION TO COST} = \text{CONTRIBUTION TO WEIGHT} \times \text{1967 COST PER POUND} \times \text{NORMALIZATION FACTOR}$$

NOTES: 1. Contributions to cost and weight are percentages in decimal form.

2. Normalization Factor = $\frac{\text{Percent Contribution to Cost of Material}}{\text{Material Cost Per Pound}}$

   a. Engine Normalization Factor = $\frac{.5281}{.64986} = .813$

   b. Airframe Normalization Factor = $\frac{.2411}{.46167} = .522$

3. Coefficient for Titanium reduced by a factor of .955 in December 1970. Titanium Sponge Index replaced by Titanium Mill Shape Index.

COMPUTATIONS FOR THE DERIVATION OF REVISED WEIGHTING FACTORS FOR THE HISTORICAL INFLATION PROGRAM

PPI Code	COMMODITY	Percent Contrib to Cost Airframe	Percent Contrib to Cost Engine	High Tech Adj. Factor Airframe	High Tech Adj. Factor Engine	High Tech Percent Contrib to Cost Airframe	High Tech Percent Contrib to Cost Engine
07	Rubber and Plastic Products	.0211	.0023	1.004	.964	.0181	.0014
10 13 02 62	Sheets, Carbon Steel	.0021	-	1.010	-	.0019	-
10 13 02 64	Sheets, C.R., Stainless	-	.2625	-	.967	-	.1631
10 15 01 41	Steel Castings	.0057	-	1.010	-	.0050	-
10 15 13 51	Closed Die Forgings	-	.0059	-	.977	-	.0038
10 22 01 27	Lead, Pig, Common	.0007	-	.921	-	.0006	-
10 22 01 51	Magnesium, Pig Ingot	.0062	.0225	1.000	.922	.0053	.0134
10 25 01 01	Aluminum Sheet	.0560	.0071	.992	1.118	.0474	.0051
10 25 01 41	Rod, Screw, Machine Stock	.0142	.0021	.992	1.118	.0120	.0016
10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.0422	.0051	1.010	1.118	.0364	.0037
10 25 02	Copper and Brass Mill Shapes	.0159	.0025	.927	.970	.0126	.0016
10 25 04 63	Monel Sheet, CR 400 Alloy	.0079	.1364	1.050	3.220	.0071	.2822
10 25 05	Titanium Mill Shapes	.0660	.0817	1.640	1.000	.0922	.0525
		.2380	.5281			.2380	.5281
						(23.80%)	(52.81%)

EXPLANATORY NOTES FOR REVISED WEIGHTING FACTORS

HI-TECH COMPUTATIONS

HI-TECH CONTRIBUTION TO COST	=	PERCENT CONTRIBUTION TO COST	X	HI-TECH ADJUSTMENT FACTOR	X	NORMALIZATION FACTOR

NOTES: 1. Hi-Tech Adjustment Factor = $\frac{\text{New Material Percent by Weight}}{\text{Old Material Percent by Weight}}$

i.e. engine monel sheet is 4.25% by weight under the new bill of materials and 1.32% under the old, so the Adjustment Factor $= \frac{4.25\%}{1.32\%} = 3.22$

2. Normalization Factor = $\frac{\text{Sum of Old Contributions to Cost}}{\text{Sum of New Contributions to Cost}}$

a. Engine Normalization Factor $= \frac{.5281}{.8219} = .6425$

b. Airframe Normalization Factor $= \frac{.2380}{.2794} = .8520$

3. Normalization Factor reduces total material percentages to .2380 (Airframe) and .5281 (Engine) so that when combined with labor percentages of .7620 (Airframe) and .4719 (Engine) cost contributions sum to unity.

i.e. .2380 + .7620 = 1.000 and .5281 + .4719 = 1.000

APPENDIX B

PRODUCER PRICE INDEXES AND EARNINGS SERIES

USED IN

HISTORICAL INFLATION PROGRAM

WITH REVISED WEIGHTING FACTORS

PRODUCER PRICE INDEXES AND EARNINGS SERIES
USED IN HISTORICAL INFLATION PROGRAM AND
REVISED WEIGHTING FACTORS

Var	PPI Code	Commodity	Airframe	*HI-TECH Airframe
(1)	07	Rubber and Plastic Products	.0211	.0181
(2)	10 17 07 11	Sheets, Carbon Steel	.0021	.0019
(3)	10 17 07 55	Sheets, C.R., Stainless		
(4)	10 15 01 41	Steel Castings	.0057	.0050
(5)	10 15 13 51	Closed Die Forgings		
(6)	10 22 01 27	Lead, Pig, Common	.0007	.0006
(7)	10 22 01 51	Magnesium, Pig Ingot	.0062	.0053
(8)	10 25 01 01	Aluminum Sheet	.0560	.0474
(9)	10 25 01 41	Rod, Screw, Machine Stock	.0142	.0120
(10)	10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.0422	.0364
(11)	10 25 02	Copper and Brass Mill Shapes	.0159	.0126
(12)	10 25 04 63	Monel Sheet, CR 400 Alloy	.0079	.0071
(13)	10 25 05	Titanium Mill Shapes	.0660	.0922
(14)	11 78	Electronic Components		
	SIC Code	Industry		
(15)	367X	Other Electronic Components		
(16)	3721	Aircraft	.6220	.6220
(17)	3724	Aircraft Engines and Engine Parts		
(18)	3728	Other Aircraft Parts and Equipment	.1369	.1369
* Includes UH-60A BLACK HAWK Aircraft			1.0000	1.0000

PRODUCER PRICE INDEXES AND EARNINGS SERIES
USED IN HISTORICAL INFLATION PROGRAM AND
REVISED WEIGHTING FACTORS

Var	PPI Code	Commodity	Engine	*HI-TECH Engine
(1)	07	Rubber and Plastic Products	.0023	.0014
(2)	10 17 07 11	Sheets, Carbon Steel		
(3)	10 17 07 55	Sheets, C.R., Stainless	.2625	.1631
(4)	10 15 01 41	Steel Castings		
(5)	10 15 13 51	Closed Die Forgings	.0059	.0038
(6)	10 22 01 27	Lead, Pig, Common		
(7)	10 22 01 51	Magnesium, Pig Ingot	.0225	.0134
(8)	10 25 01 01	Aluminum Sheet	.0071	.0051
(9)	10 25 01 41	Rod, Screw, Machine Stock	.0021	.0016
(10)	10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.0051	.0037
(11)	10 25 02	Copper and Brass Mill Shapes	.0025	.0016
(12)	10 25 04 63	Monel Sheet, CR 400 Alloy	.1364	.2822
(13)	10 25 05	Titanium Mill Shapes	.0817	.0525
(14)	11 78	Electronic Components		
	SIC Code	Industry		
(15)	367X	Other Electronic Components		
(16)	3721	Aircraft		
(17)	3724	Aircraft Engines and Engine Parts	.4010	.4010
(18)	3728	Other Aircraft Parts and Equipment	.0709	.0709
			1.0000	1.0000

* Includes UH-60A/T700 Engine

PRODUCER PRICE INDEXES AND EARNINGS SERIES
USED IN HISTORICAL INFLATION PROGRAM AND
REVISED WEIGHTING FACTORS

Var	PPI Code	Commodity	Avionics	HI-TECH Avionics
(1)	07	Rubber and Plastic Products		
(2)	10 17 07 11	Sheets, Carbon Steel		
(3)	10 17 07 55	Sheets, C.R., Stainless		
(4)	10 15 01 41	Steel Castings		
(5)	10 15 13 51	Closed Die Forgings		
(6)	10 22 01 27	Lead, Pig, Common		
(7)	10 22 01 51	Magnesium, Pig Ingot		
(8)	10 25 01 01	Aluminum Sheet		
(9)	10 25 01 41	Rod, Screw, Machine Stock		
(10)	10 25 01 17	Extrusion, Solid Circle Size 4 to 5		
(11)	10 25 02	Copper and Brass Mill Shapes		
(12)	10 25 04 63	Monel Sheet, CR 400 Alloy		
(13)	10 25 05	Titanium Mill Shapes		
(14)	11 78	Electronic Components	.3150	.3150
	SIC Code	Industry		
(15)	367X	Other Electronic Components	.6850	.6850
(16)	3721	Aircraft		
(17)	3724	Aircraft Engines and Engine Parts		
(18)	3728	Other Aircraft Parts and Equipment		
			1.0000	1.0000

COMPUTATIONAL FORMULAS FOR LABOR COST INDEXES

The data for cost of labor services is supplied by the Bureau of Labor Statistics, as hourly wage rates by Standard Industry (SIC) Codes, and are reported on a regular basis in Employment and Earnings. Because material indices are expressed as indexes, base 100, and wages are expressed in dollars per hour, labor costs over time must be converted to indices before calculations can be made. The dollar per hour to index conversions for the labor categories are done as follows:

Var	SIC Code	Industry			CY 1967 Hr. Wage				Current Index
(15)	367X	Electronic Components	Current Hr. Wage	÷	$ 2.34	X	100%	=	367X Index
(16)	3721	Aircraft Production	Current Hr. Wage	÷	$ 3.49	X	100%	=	3721 Index
(17)	3724	Aircraft Engines & Engine Parts	Current Hr. Wage	÷	$ 3.42	X	100%	=	3724 Index
(18)	3728	Aircraft Equipment	Current Hr. Wage	÷	$ 3.35	X	100%	=	3728 Index

REDUCED FORM EQUATIONS

$$\text{Airframe} = .0211(V\text{-}1) + .0021(V\text{-}2) + .0057(V\text{-}4) + .0007(V\text{-}6) + .0062(V\text{-}7) + .056(V\text{-}8) + .0142(V\text{-}9) + .0422(V\text{-}10) + .0159(V\text{-}11) + .0079(V\text{-}12) + .0660(V\text{-}13) + .622(V\text{-}16)(100/3.49) + .1369(V\text{-}18)(100/3.35)$$

$$\text{Engine} = .0023(V\text{-}1) + .2625(V\text{-}3) + .0059(V\text{-}5) + .0225(V\text{-}7) + .0071(V\text{-}8) + .0021(V\text{-}9) + .0051(V\text{-}10) + .0025(V\text{-}11) + .1364(V\text{-}12) + .0817(V\text{-}13) + .401(V\text{-}17)(100/3.42) + .0709(V\text{-}18)(100/3.35)$$

$$\text{Avionics} = .3150(V\text{-}14) + .6850(V\text{-}15)(100/2.34)$$

HI-TECH REDUCED FORM EQUATIONS

$$\text{HI-TECH Airframe} = .0181(V\text{-}1) + .0019(V\text{-}2) + .0050(V\text{-}4) + .0006(V\text{-}6) + .0053(V\text{-}7) + .0474(V\text{-}8) + .0120(V\text{-}9) + .0364(V\text{-}10) + .0126(V\text{-}11) + .0071(V\text{-}12) + .0922(V\text{-}13) + .622(V\text{-}16)(100/3.49) + .1369(V\text{-}18)(100/3.35)$$

$$\text{HI-TECH Engine} = .0014(V\text{-}1) + .1631(V\text{-}3) + .0038(V\text{-}5) + .0134(V\text{-}7) + .0051(V\text{-}8) + .0016(V\text{-}9) + .0037(V\text{-}10) + .0016(V\text{-}11) + .2822(V\text{-}12) + .0525(V\text{-}13) + .401(V\text{-}17)(100/3.42) + .0709(V\text{-}18)(100/3.35)$$

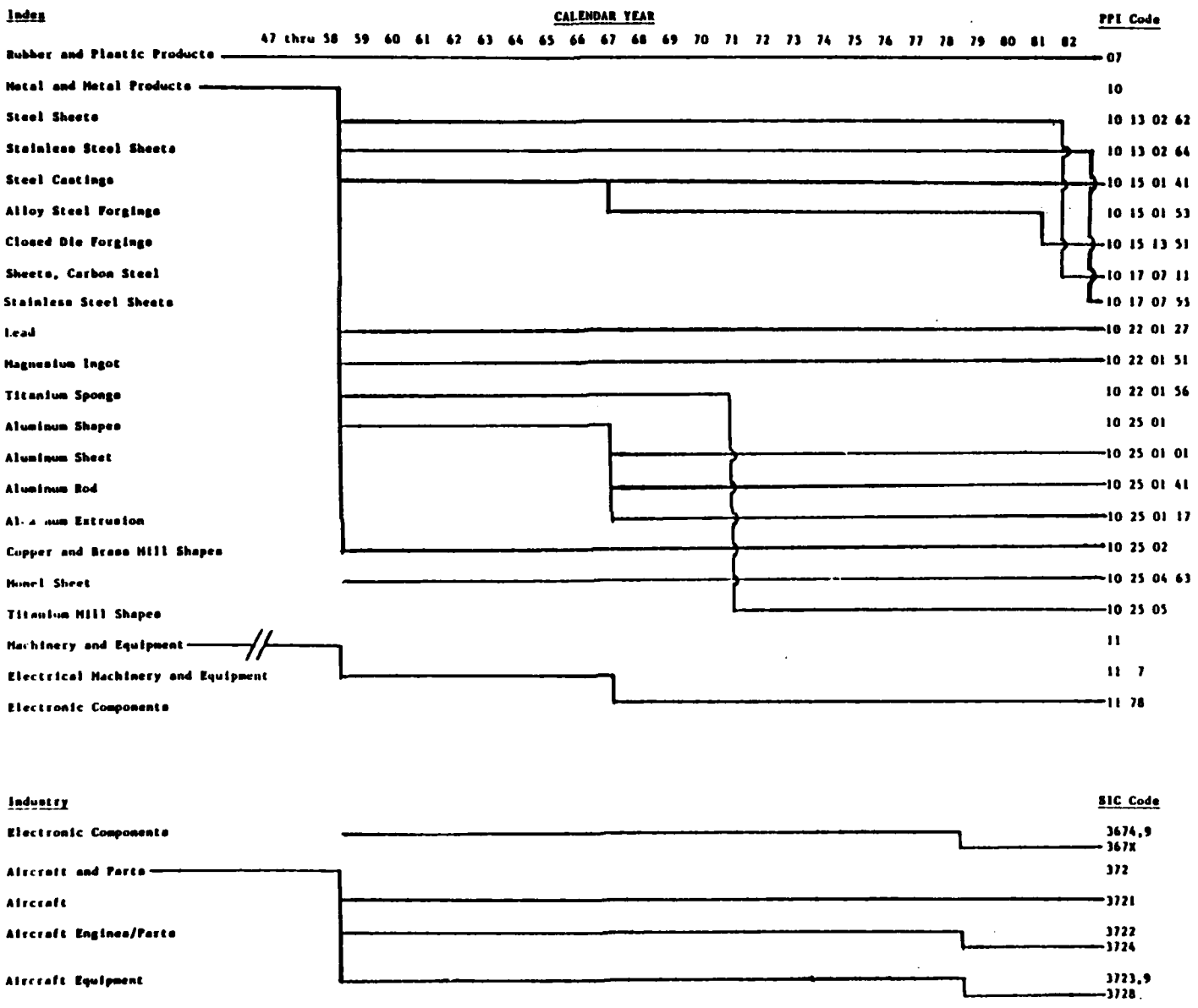
$$\text{HI-TECH Avionics} = .3150(V\text{-}14) + .6850(100/2.34)(V\text{-}15)$$

Variables (V-1) thru (V-18) are defined on pages B-2 thru B-4.

APPENDIX C

HISTORICAL FLOW OF PRODUCER PRICE INDEXES AND EARNINGS SERIES USED IN HISTORICAL INFLATION PROGRAM WITH REVISED WEIGHTING FACTORS

Historical Flow of Producer Price Indexes and Earnings Series Used in Historical Inflation Program



APPENDIX D

ANNUAL DATA FOR THE HISTORICAL INFLATION PROGRAM

****
*
CALENDAR YEAR DATA
*
* PRE-1958 *
*
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CY	PPI-07	PPI-10	SIC372
1947	70.50	54.90	1.372
1948	72.80	62.50	1.487
1949	70.50	63.00	1.560
1950	85.90	66.30	1.637
1951	105.40	73.80	1.780
1952	95.50	73.90	1.890
1953	89.10	76.30	1.990
1954	90.40	76.90	2.070
1955	102.40	82.10	2.160
1956	103.80	89.20	2.270
1957	103.40	91.00	2.350

CALENDAR YEAR DATA

	MATERIALS														LABOR			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	007X	130262	130264	1506XX	150151	220111	220151	250101	250113	250117	2502XX	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER
CY	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3728
1958	103.30	93.10	125.70	93.20	93.20	86.70	100.00	107.60	107.60	107.60	74.10	70.50	149.30	99.90	1.71	2.51	2.51	2.44
1959	102.90	94.70	121.50	96.40	96.40	87.20	100.00	106.00	106.00	106.00	80.60	70.50	122.40	99.50	1.77	2.64	2.64	2.55
1960	103.10	94.70	120.20	96.80	96.80	85.20	100.00	110.80	110.80	110.80	81.70	87.20	117.90	98.20	1.86	2.71	2.73	2.64
1961	99.20	94.70	118.60	97.00	97.00	77.60	100.00	111.30	111.30	111.30	75.00	89.40	108.10	98.20	1.93	2.78	2.81	2.70
1962	96.30	94.70	115.40	97.00	97.00	68.70	100.00	108.70	108.70	108.70	73.90	91.60	101.00	96.70	1.97	2.87	2.91	2.80
1963	96.80	96.90	107.00	97.00	97.00	79.60	100.00	102.90	102.90	102.90	73.40	91.60	97.30	95.70	2.01	2.95	2.99	2.89
1964	95.50	98.00	94.40	97.10	97.10	97.00	100.00	101.40	101.40	101.40	78.50	90.60	97.30	95.10	2.09	3.00	3.09	2.98
1965	95.90	98.00	91.40	98.10	98.10	114.30	100.00	99.40	99.40	99.40	88.10	90.00	98.80	95.10	2.14	3.15	3.17	3.08
1966	97.80	98.80	91.60	99.00	97.90	107.20	100.00	98.50	98.50	98.50	99.00	94.20	100.00	97.70	2.21	3.34	3.32	3.21
1967	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	2.34	3.49	3.42	3.35
1968	103.40	104.70	103.10	105.70	102.00	94.60	100.00	102.40	95.80	102.40	107.30	105.20	99.30	99.20	2.49	3.64	3.65	3.53
1969	105.30	109.50	112.50	113.40	108.10	106.50	100.00	109.70	91.00	112.00	119.20	112.20	98.00	100.70	2.61	3.90	3.87	3.76
1970	108.30	116.40	130.90	119.50	117.10	112.10	100.00	110.60	93.40	120.60	130.60	132.10	95.50	101.00	2.78	4.17	4.10	3.99
1971	109.10	123.40	135.00	125.30	122.90	99.00	102.70	106.70	93.40	121.40	118.60	139.70	102.90	102.40	2.91	4.36	4.36	4.15
1972	109.30	133.60	126.40	129.00	130.50	109.60	103.60	104.80	93.50	123.20	124.30	140.40	107.00	103.40	3.02	4.74	4.74	4.37
1973	112.40	135.30	122.10	132.20	136.90	117.00	106.40	105.20	93.40	125.10	141.70	148.20	109.20	104.40	3.16	5.13	5.05	4.66
1974	136.20	167.60	157.10	163.90	161.80	159.10	173.20	136.40	126.00	150.90	182.70	173.50	132.50	111.40	3.39	5.57	5.43	5.03
1975	150.20	189.30	165.30	196.80	191.90	154.00	228.10	152.60	145.40	167.00	149.90	219.60	168.80	115.50	3.75	6.19	6.03	5.52
1976	159.20	205.00	168.80	216.30	215.20	163.80	249.00	175.30	153.50	182.90	163.90	241.50	171.80	115.80	3.97	6.62	6.52	5.96
1977	167.60	230.00	197.10	234.40	235.90	219.30	270.60	200.80	163.50	211.50	166.40	259.10	170.20	119.50	4.33	7.07	7.05	6.42
1978	174.80	255.90	197.80	257.30	264.50	240.90	279.10	235.50	174.20	231.10	171.60	263.40	173.10	126.90	4.90	7.70	7.80	6.93
1979	194.30	282.20	218.00	291.90	297.80	378.30	294.90	245.20	191.60	255.10	216.30	318.40	211.40	135.80	5.36	8.50	8.53	7.48
1980	217.40	296.80	227.80	327.80	337.60	310.70	324.10	248.90	205.30	289.60	232.00	389.60	203.40	156.30	6.06	9.67	9.42	8.39
1981	232.60	333.20	231.00	368.80	379.00	267.50	362.30	280.90	224.10	308.80	222.20	376.90	362.60	168.10	6.62	10.74	10.41	9.38
1982	241.40	343.40	237.50	408.30	400.30	190.60	372.70	291.50	221.50	307.90	206.00	377.20	368.10	176.10	7.17	11.86	11.16	10.18

APPENDIX E

Monthly Data for The Historical Inflation Program

MONTHLY DATA

	MATERIALS														LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	007X	130262	130264	1506XX	150151	220111	220151	250101	250113	250117	2502XX	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3728	FY
67JUL	98.80	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	95.70	98.90	100.00	99.80	2.36	3.46	3.41	3.33	68
67AUG	100.80	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	95.60	98.90	100.00	99.70	2.35	3.51	3.45	3.36	68
67SEP	101.30	100.00	99.10	100.00	100.20	100.00	100.00	100.10	100.10	100.10	98.40	98.90	100.00	99.50	2.35	3.52	3.48	3.38	68
67OCT	101.90	100.00	101.60	100.00	100.20	100.00	100.00	100.10	100.10	100.10	100.60	103.20	100.00	99.40	2.37	3.54	3.52	3.39	68
67NOV	102.40	100.00	103.20	100.00	101.30	100.00	100.00	100.10	100.10	100.10	105.10	103.20	100.00	99.10	2.38	3.58	3.49	3.42	68
67DEC	102.30	100.00	103.20	100.00	101.30	100.00	100.00	100.10	100.10	100.10	107.50	103.20	100.00	99.90	2.41	3.61	3.56	3.46	68
68JAN	102.40	103.40	103.20	102.90	101.40	100.00	100.00	100.10	100.10	100.10	115.10	103.20	100.00	99.70	2.43	3.58	3.58	3.48	68
68FEB	102.50	103.40	103.20	103.10	101.40	100.00	100.00	100.10	100.10	100.10	119.50	105.40	100.00	99.40	2.46	3.58	3.59	3.47	68
68MAR	102.60	103.40	103.20	104.00	101.40	100.00	100.00	100.10	100.10	100.10	120.00	105.40	100.00	99.10	2.46	3.58	3.58	3.48	68
68APR	102.60	103.40	103.20	104.00	101.40	100.00	100.00	100.10	100.10	100.10	122.20	105.40	99.20	99.40	2.44	3.55	3.52	3.45	68
68MAY	102.70	103.40	103.20	104.00	101.40	92.90	100.00	100.10	100.10	100.10	107.40	105.40	99.20	99.50	2.47	3.58	3.61	3.49	68
68JUN	103.00	103.40	103.20	105.40	101.40	92.90	100.00	103.30	101.60	101.50	102.70	105.40	99.20	99.10	2.49	3.58	3.63	3.54	68
68JUL	103.50	103.40	103.20	106.80	101.40	92.90	100.00	104.20	101.60	104.50	99.30	105.40	99.20	99.00	2.49	3.57	3.63	3.55	69
68AUG	104.00	103.40	104.10	106.80	101.40	89.20	100.00	104.20	101.60	104.50	98.90	105.40	99.20	99.00	2.51	3.63	3.67	3.55	69
68SEP	104.00	107.20	103.30	108.00	101.40	89.20	100.00	104.20	86.20	104.50	98.90	105.40	99.20	99.00	2.52	3.69	3.70	3.56	69
68OCT	104.20	107.20	103.30	108.00	101.70	92.90	100.00	104.20	86.20	104.50	99.10	105.40	99.20	99.00	2.53	3.79	3.72	3.57	69
68NOV	104.30	107.20	102.20	108.00	104.50	92.90	100.00	104.20	86.20	104.50	101.00	105.40	99.20	99.10	2.55	3.80	3.76	3.61	69
68DEC	104.40	107.20	102.20	108.00	105.60	92.90	100.00	104.20	86.20	104.50	102.60	105.40	99.20	99.10	2.56	3.81	3.86	3.65	69
69JAN	103.20	107.20	105.40	109.50	105.60	96.50	100.00	104.20	86.20	104.50	109.30	110.50	99.20	98.90	2.56	3.81	3.81	3.65	69
69FEB	103.80	107.20	105.40	109.50	105.60	100.00	100.00	108.30	90.50	108.90	109.20	110.50	99.20	100.20	2.59	3.86	3.81	3.67	69
69MAR	104.10	107.20	105.40	110.50	105.60	100.00	100.00	109.30	90.50	109.40	110.40	110.50	99.20	100.40	2.58	3.85	3.80	3.68	69
69APR	104.40	107.20	106.20	110.50	105.80	103.50	100.00	110.50	89.80	110.70	113.00	110.50	99.20	100.60	2.57	3.86	3.81	3.68	69
69MAY	104.20	107.20	106.40	113.60	106.10	103.50	100.00	110.50	89.80	112.00	116.10	110.50	99.20	100.60	2.60	3.84	3.84	3.74	69
69JUN	104.30	107.20	110.60	113.60	107.80	107.10	100.00	110.50	89.80	112.30	116.50	110.50	99.20	100.60	2.61	3.84	3.85	3.76	69
69JUL	105.70	107.20	110.60	113.60	108.70	110.70	100.00	110.50	89.80	112.30	118.40	110.50	99.20	100.50	2.62	3.83	3.87	3.78	70
69AUG	106.10	112.90	110.60	115.30	108.70	110.70	100.00	110.50	91.00	112.80	123.20	110.50	99.20	100.60	2.63	3.92	3.89	3.79	70
69SEP	105.80	112.90	110.60	116.30	109.10	110.70	100.00	110.50	93.40	112.30	127.00	110.50	95.50	101.20	2.65	3.89	3.92	3.79	70
69OCT	106.60	112.90	126.80	116.30	109.10	110.70	100.00	110.50	93.40	114.10	127.80	110.50	95.50	101.40	2.64	3.98	3.94	3.84	70
69NOV	107.50	112.90	126.00	116.30	110.70	110.70	100.00	110.50	93.40	116.60	127.80	110.50	95.50	101.70	2.65	4.05	3.94	3.86	70
69DEC	107.50	112.90	125.80	116.30	113.50	114.30	100.00	110.50	93.40	117.80	131.80	130.90	95.50	101.40	2.68	4.07	4.04	3.91	70
70JAN	107.80	107.50	130.90	117.90	114.80	117.90	100.00	110.60	93.40	117.80	135.70	130.90	95.50	101.40	2.70	4.09	4.01	3.89	70
70FEB	107.70	113.10	130.90	117.90	114.90	117.90	100.00	110.60	93.40	117.80	135.00	130.90	95.50	100.20	2.71	4.09	4.01	3.90	70
70MAR	107.60	113.10	130.90	117.90	115.30	117.90	100.00	110.60	93.40	117.80	132.00	130.90	95.50	100.20	2.73	4.09	4.03	3.93	70
70APR	107.50	113.10	130.70	117.90	115.30	117.90	100.00	110.60	93.40	119.00	135.10	130.90	95.50	100.60	2.74	4.10	4.03	3.94	70
70MAY	107.20	113.10	130.90	117.90	115.70	117.90	100.00	110.60	93.40	121.50	136.70	130.90	95.50	99.80	2.77	4.11	4.06	3.95	70
70JUN	107.10	119.40	130.90	117.90	117.30	117.90	100.00	110.60	93.40	121.70	136.70	130.90	95.50	101.20	2.79	4.11	4.09	3.98	70
70JUL	108.50	119.40	130.90	120.40	118.40	110.80	100.00	110.60	93.40	121.70	133.20	130.90	95.50	101.20	2.81	4.12	4.11	4.00	71
70AUG	109.20	119.40	130.90	120.40	118.40	107.10	100.00	110.60	93.50	121.70	132.40	130.90	95.50	101.00	2.82	4.22	4.14	4.02	71
70SEP	109.20	119.40	130.90	120.40	118.40	105.40	100.00	110.60	93.50	121.90	124.60	133.10	95.50	101.50	2.83	4.27	4.13	4.04	71
70OCT	109.10	119.40	130.90	121.60	118.40	105.40	100.00	110.60	93.50	121.90	123.90	133.10	95.50	101.50	2.84	4.27	4.17	4.07	71
70NOV	109.00	119.40	130.90	121.60	118.40	105.40	100.00	110.60	93.50	121.90	123.10	136.00	95.50	101.90	2.86	4.34	4.19	4.09	71
70DEC	109.20	119.40	130.90	121.60	119.30	103.60	100.00	110.60	93.50	121.90	118.80	136.00	95.50	101.90	2.89	4.33	4.29	4.15	71
71JAN	108.30	119.40	130.80	122.60	119.80	96.40	103.60	110.60	93.40	121.50	115.20	136.00	100.00	102.80	2.90	4.32	4.28	4.11	71
71FEB	109.00	119.40	130.80	122.60	119.80	96.40	103.60	108.60	93.40	121.50	113.20	136.00	100.30	103.30	2.89	4.31	4.31	4.11	71
71MAR	109.00	119.40	130.80	122.60	119.80	96.40	103.60	108.60	93.40	121.50	112.60	140.40	101.70	103.70	2.90	4.32	4.31	4.00	71
71APR	108.80	119.40	130.80	125.20	119.80	96.40	103.60	108.60	93.40	121.50	120.50	140.40	103.70	103.10	2.91	4.32	4.30	4.07	71
71MAY	108.60	119.40	130.80	125.20	121.70	96.40	103.60	108.60	93.40	121.50	124.00	140.40	103.70	102.70	2.92	4.37	4.34	4.13	71
71JUN	108.60	119.40	138.10	125.80	124.30	96.40	103.60	108.60	93.40	121.50	120.70	140.40	103.70	103.00	2.93	4.34	4.35	4.15	71
71JUL	109.40	127.40	138.10	125.00	124.80	101.80	103.60	108.60	93.40	121.50	120.70	140.40	103.70	103.10	2.92	4.33	4.37	4.16	72
71AUG	109.80	127.40	138.10	126.80	125.00	101.80	103.60	108.60	93.40	121.50	120.00	140.40	103.70	103.20	2.92	4.36	4.38	4.17	72
71SEP	109.60	127.40	138.10	126.80	125.00	101.80	100.80	108.60	93.40	121.50	119.50	140.40	103.70	102.80	2.93	4.38	4.37	4.20	72

MONTHLY DATA

	MATERIALS														LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	007X	130262	130264	1506XX	150151	220111	220151	250101	250113	250117	2502XX	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3728	FY
71OCT	109.40	127.40	138.10	126.80	125.00	101.80	100.80	108.60	93.40	121.50	119.50	140.40	103.70	102.80	2.89	4.41	4.41	4.18	72
71NOV	109.30	127.40	138.10	126.80	125.00	101.80	100.80	108.60	93.40	120.90	119.10	140.40	103.70	102.60	2.90	4.45	4.44	4.17	72
71DEC	109.30	127.40	137.10	126.80	125.00	101.10	100.80	108.60	93.40	120.90	117.70	140.40	103.70	102.50	2.94	4.46	4.52	4.26	72
72JAN	109.50	124.10	137.10	127.60	127.60	101.10	103.60	105.60	93.40	121.60	119.70	140.40	103.70	102.40	2.96	4.44	4.50	4.22	72
72FEB	109.20	134.50	137.10	127.60	129.00	103.60	103.60	105.60	93.40	121.60	121.60	140.40	106.80	103.40	2.96	4.58	4.54	4.28	72
72MAR	108.90	134.50	138.10	127.60	129.70	110.70	103.60	105.10	93.40	121.60	125.40	140.40	107.10	103.40	2.99	4.64	4.56	4.30	72
72APR	108.70	134.50	138.10	127.80	129.70	110.70	103.60	105.10	93.40	123.10	125.30	140.40	107.10	103.20	2.98	4.74	4.57	4.33	72
72MAY	108.80	134.50	138.10	127.80	130.70	112.50	103.60	105.10	94.90	123.80	125.50	140.40	107.40	104.00	3.00	4.72	4.63	4.36	72
72JUN	108.90	134.50	120.40	127.80	130.80	112.50	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.90	3.02	4.72	4.65	4.36	72
72JUL	109.20	134.50	120.40	127.80	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	104.00	3.03	4.64	4.69	4.34	73
72AUG	109.50	134.50	117.50	130.90	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	103.70	3.03	4.77	4.75	4.39	73
72SEP	109.50	134.50	117.50	130.90	131.30	110.70	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.30	3.06	4.79	4.78	4.43	73
72OCT	109.50	134.50	117.50	130.90	131.30	110.70	103.60	103.70	93.40	123.80	125.10	140.40	107.40	103.20	3.06	4.84	4.80	4.44	73
72NOV	109.80	134.50	117.50	130.90	131.30	108.90	103.60	103.70	93.40	123.80	125.70	140.40	107.40	103.20	3.05	4.97	4.83	4.49	73
72DEC	109.80	134.50	117.50	130.90	132.00	108.90	103.60	103.70	93.40	123.80	125.90	140.40	107.40	103.30	3.09	5.04	4.98	4.51	73
73JAN	110.00	134.50	117.50	130.90	132.00	108.90	106.40	103.70	93.40	123.80	126.20	140.40	107.40	103.60	3.09	4.99	4.92	4.52	73
73FEB	110.10	134.50	117.50	130.90	132.00	110.70	106.40	103.70	93.40	123.80	127.90	140.40	107.40	103.60	3.08	5.04	4.92	4.50	73
73MAR	110.30	134.50	117.50	130.90	134.00	114.30	106.40	103.70	93.40	123.80	137.00	149.80	107.40	103.70	3.10	5.04	4.94	4.55	73
73APR	110.60	134.50	117.50	132.30	138.00	114.30	106.40	104.40	93.40	123.80	138.50	149.80	107.10	104.00	3.12	5.03	4.95	4.57	73
73MAY	111.50	134.50	123.40	132.30	138.00	116.10	106.40	104.40	93.40	125.20	141.90	149.80	106.40	104.40	3.12	5.08	4.95	4.57	73
73JUN	112.60	134.50	124.50	132.30	138.20	117.90	106.40	104.40	93.40	125.60	142.10	149.80	108.20	104.50	3.13	5.07	4.99	4.62	73
73JUL	112.90	134.50	124.50	132.30	138.20	117.90	106.40	104.40	93.40	125.20	141.60	149.80	108.20	104.60	3.15	5.05	5.07	4.66	74
73AUG	113.10	134.50	124.50	133.00	138.20	117.90	106.40	104.40	93.40	125.20	140.80	149.80	109.00	104.60	3.18	5.17	5.08	4.69	74
73SEP	112.80	134.50	124.50	133.00	138.20	117.90	106.40	105.60	93.40	125.20	143.50	149.80	111.10	104.60	3.20	5.18	5.09	4.73	74
73OCT	114.00	137.50	124.50	133.00	138.20	117.90	106.40	106.70	93.40	125.90	146.50	149.80	111.10	104.80	3.22	5.27	5.12	4.77	74
73NOV	114.80	137.50	124.60	133.00	138.90	117.90	106.40	107.20	93.40	126.90	154.30	149.80	112.30	104.90	3.24	5.28	5.15	4.82	74
73DEC	116.50	137.50	124.60	133.00	138.90	132.10	106.40	109.40	93.40	126.90	160.40	149.80	114.70	105.70	3.27	5.34	5.37	4.88	74
74JAN	117.70	137.50	126.80	142.60	142.20	135.70	116.80	117.80	102.00	130.20	165.20	149.80	114.70	106.20	3.26	5.36	5.26	4.82	74
74FEB	119.80	137.50	128.60	143.50	142.50	135.70	116.80	117.80	102.00	134.00	165.40	149.80	114.70	106.40	3.28	5.41	5.29	4.88	74
74MAR	123.80	142.00	134.90	143.50	144.40	135.70	123.75	117.30	108.90	136.10	178.30	149.80	121.80	107.20	3.30	5.43	5.30	4.88	74
74APR	129.40	146.60	140.10	143.50	145.20	144.60	130.70	125.00	116.40	144.50	189.00	149.80	121.80	108.30	3.31	5.40	5.21	4.89	74
74MAY	133.70	155.80	153.60	161.00	152.20	153.60	153.00	127.10	116.40	146.20	200.30	175.30	123.10	109.60	3.34	5.50	5.34	5.02	74
74JUN	135.60	165.40	159.60	159.30	162.40	153.60	153.00	132.30	123.20	150.40	203.70	175.30	124.30	111.30	3.39	5.51	5.41	5.03	74
74JUL	139.50	182.30	163.90	163.80	167.30	175.00	180.80	144.30	132.20	152.20	198.70	175.30	137.50	112.10	3.42	5.52	5.44	5.03	75
74AUG	143.40	188.50	173.10	179.70	168.10	175.00	219.70	151.00	140.40	163.80	188.90	191.30	137.50	113.90	3.40	5.59	5.47	5.10	75
74SEP	145.60	188.50	174.90	182.50	168.10	175.00	208.60	151.00	140.40	163.80	184.90	191.30	139.00	113.30	3.47	5.64	5.51	5.13	75
74OCT	147.50	188.50	174.90	182.50	182.90	175.00	208.60	151.00	142.20	163.80	181.60	191.30	151.70	114.30	3.47	5.75	5.55	5.15	75
74NOV	148.50	188.50	175.80	182.50	182.90	175.00	208.60	151.00	144.10	162.80	172.70	191.30	151.70	116.80	3.52	5.83	5.59	5.18	75
74DEC	149.40	190.00	178.90	182.50	182.90	175.00	208.60	151.00	144.10	162.80	163.50	191.30	151.70	117.00	3.59	5.87	5.72	5.23	75
75JAN	149.60	189.10	178.90	182.50	182.90	175.00	228.10	151.00	144.10	162.10	159.10	219.60	163.40	117.30	3.63	5.93	5.75	5.23	75
75FEB	150.00	189.10	169.60	185.00	182.90	175.00	228.10	151.00	144.10	162.10	156.00	219.60	163.40	117.00	3.66	5.94	5.84	5.29	75
75MAR	149.70	189.10	169.30	198.40	182.90	175.00	228.10	151.00	144.10	165.20	148.80	219.60	162.20	116.60	3.68	6.00	5.90	5.35	75
75APR	149.40	189.10	169.30	198.40	185.90	175.00	228.10	151.00	144.10	165.20	150.90	219.60	164.60	116.30	3.71	6.07	5.90	5.39	75
75MAY	148.90	185.00	169.30	198.40	195.40	168.80	228.10	151.00	144.10	165.00	148.00	219.60	170.80	115.60	3.73	6.12	5.96	5.47	75
75JUN	148.60	185.00	162.60	198.40	195.40	135.70	228.10	151.00	144.10	165.50	147.90	219.60	170.80	115.70	3.77	6.20	6.03	5.49	75
75JUL	150.10	184.80	162.90	201.10	195.40	135.70	228.10	151.00	144.10	165.50	143.60	219.60	171.80	115.60	3.81	6.22	6.00	5.56	76
75AUG	150.00	184.80	162.90	201.10	195.40	135.70	228.10	157.20	147.20	171.00	145.60	219.60	171.80	115.10	3.78	6.26	6.04	5.62	76
75SEP	150.80	184.80	162.90	201.10	195.40	142.90	228.10	157.20	147.20	171.00	147.10	219.60	171.80	114.50	3.81	6.30	6.12	5.65	76
75OCT	151.50	197.00	162.40	201.10	195.40	142.90	228.10	153.40	147.20	170.70	150.20	219.60	171.80	113.90	3.81	6.37	6.16	5.66	76
75NOV	151.80	197.00	156.90	201.10	196.80	142.90	228.10	153.40	147.20	170.70	151.30	219.60	171.80	114.30	3.81	6.43	6.23	5.77	76
75DEC	151.90	197.00	156.70	201.10	198.40	142.90	228.10	153.40	147.20	170.30	150.00	219.60	171.80	114.30	3.85	6.47	6.44	5.81	76

MONTHLY DATA

	MATERIALS													LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	007X	130262	130264	1506XX	150151	220111	220151	250101	250113	250117	2502XX	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3728	FY
76JAN	152.30	197.00	162.60	214.80	198.40	135.70	242.00	157.20	147.20	169.80	149.20	241.50	171.80	114.50	3.88	6.47	6.32	5.79	76
76FEB	154.10	197.00	162.60	214.80	198.40	135.70	242.00	158.80	147.20	169.80	150.10	241.50	171.80	114.90	3.87	6.54	6.33	5.84	76
76MAR	155.50	197.00	164.20	214.80	210.80	135.70	242.00	163.50	147.20	169.80	152.10	241.50	171.80	115.00	3.88	6.58	6.37	5.86	76
76APR	156.70	197.00	164.20	214.80	210.20	150.00	242.00	163.50	147.20	169.80	163.20	241.50	171.80	115.20	3.88	6.54	6.21	5.83	76
76MAY	157.10	197.00	164.20	214.80	210.20	162.50	242.00	169.30	154.60	175.30	166.70	241.50	171.80	115.30	3.91	6.57	6.37	5.93	76
76JUN	157.10	209.10	164.20	214.80	215.20	164.30	242.00	175.90	154.60	180.40	166.70	241.50	171.80	115.80	3.94	6.54	6.42	5.94	76
76JUL	158.30	209.10	164.20	214.80	219.50	176.80	255.90	175.90	154.60	180.70	168.80	241.50	171.80	116.00	3.97	6.67	6.61	5.99	7T
76AUG	161.10	209.10	174.40	218.40	220.60	176.80	255.90	178.80	154.60	188.60	171.40	241.50	171.80	115.90	3.99	6.64	6.62	5.98	7T
76SEP	163.90	209.10	176.30	218.40	220.60	176.80	255.90	190.30	158.80	197.50	172.40	241.50	171.80	116.20	4.01	6.63	6.66	6.03	7T
76OCT	164.60	209.10	176.30	218.40	220.60	183.90	255.90	190.30	158.80	197.50	174.70	241.50	171.80	116.80	4.04	6.75	6.71	6.05	77
76NOV	164.80	209.10	176.30	218.40	228.60	183.90	255.90	190.30	158.80	197.50	169.90	241.50	171.80	116.90	4.06	6.77	6.75	6.12	77
76DEC	164.70	220.90	176.30	218.40	229.70	183.90	255.90	190.30	158.80	197.50	161.60	241.50	171.80	117.30	4.16	6.81	6.86	6.18	77
77JAN	164.60	222.60	185.00	218.40	231.80	189.30	255.90	190.30	158.80	197.50	159.00	241.50	171.80	118.20	4.35	6.88	6.83	6.14	77
77FEB	164.20	222.60	186.60	220.40	231.80	207.10	267.00	190.30	158.80	197.50	160.40	241.50	171.80	118.40	4.33	6.90	6.87	6.20	77
77MAR	164.60	222.60	186.60	230.40	231.80	221.40	267.00	190.30	158.80	197.50	167.40	262.60	171.80	118.30	4.35	6.93	6.86	6.25	77
77APR	165.70	222.60	186.60	233.40	231.80	221.40	267.00	196.00	161.50	208.70	175.30	262.60	171.80	118.90	4.37	6.97	6.84	6.29	77
77MAY	166.30	222.60	200.10	235.70	231.80	221.40	267.00	199.80	158.80	208.70	175.30	262.60	169.80	118.80	4.41	7.03	6.85	6.35	77
77JUN	167.50	222.60	203.40	235.70	231.80	221.40	267.00	199.80	158.80	209.30	172.90	262.60	169.80	118.90	4.46	7.06	6.95	6.39	77
77JUL	168.90	237.40	205.60	235.70	234.20	221.40	275.40	203.70	167.80	218.30	173.10	262.60	169.80	118.70	4.50	7.09	7.01	6.43	77
77AUG	169.30	237.40	205.60	239.40	234.20	221.40	275.40	204.60	167.80	220.20	170.20	262.60	170.00	118.80	4.52	7.15	7.02	6.45	77
77SEP	169.50	237.40	202.70	239.40	240.10	221.40	275.40	204.60	167.80	220.20	163.10	262.60	168.80	120.50	4.58	7.19	7.15	6.57	77
77OCT	170.20	237.40	202.70	241.20	240.10	221.40	275.40	206.00	167.80	220.20	158.60	262.60	169.10	121.10	4.57	7.16	7.27	6.56	78
77NOV	170.20	237.40	200.30	241.20	245.40	228.60	275.40	211.80	167.80	220.20	160.60	262.60	168.70	121.70	4.60	7.23	7.33	6.65	78
77DEC	170.00	237.40	200.30	241.20	245.90	235.70	275.40	211.80	167.80	220.20	161.20	262.60	168.70	121.50	4.68	7.28	7.53	6.63	78
78JAN	170.20	237.40	194.00	241.90	245.90	235.70	275.40	211.80	167.80	223.80	164.80	262.60	168.70	124.40	4.75	7.36	7.46	6.68	78
78FEB	170.20	250.80	194.00	241.90	245.90	235.70	275.40	217.00	167.80	225.20	166.80	262.60	169.30	124.70	4.77	7.44	7.68	6.74	78
78MAR	171.40	250.80	192.90	241.90	257.70	235.70	275.40	228.50	170.40	229.30	167.00	262.60	170.10	125.80	4.78	7.44	7.55	6.74	78
78APR	172.80	254.10	190.50	260.00	257.70	235.70	275.40	228.50	173.10	230.60	168.30	262.60	170.10	125.30	4.79	7.50	7.58	6.81	78
78MAY	173.80	254.50	192.70	260.00	263.70	228.60	280.90	228.50	173.10	230.60	169.10	262.60	172.20	126.00	4.80	7.52	7.60	6.82	78
78JUN	174.50	254.50	196.70	260.00	263.90	221.40	280.90	228.50	173.10	232.00	171.30	262.60	174.20	126.80	4.84	7.54	7.69	6.87	78
78JUL	174.90	254.50	202.00	260.00	263.90	221.40	280.90	235.20	173.10	232.00	169.70	262.60	174.20	127.10	4.91	7.63	7.77	6.90	78
78AUG	175.70	262.90	204.50	260.60	273.00	233.90	280.90	245.20	178.90	232.00	172.50	262.60	175.70	127.00	4.92	7.73	7.82	6.98	78
78SEP	176.70	262.90	203.30	263.90	275.00	235.70	280.90	245.20	178.90	232.00	173.80	262.60	175.60	127.20	5.00	7.77	7.96	7.02	78
78OCT	178.10	262.90	200.80	264.60	275.60	264.30	280.90	245.20	177.30	232.00	177.10	262.60	175.70	128.50	5.00	7.96	8.03	7.09	79
78NOV	179.40	262.90	200.90	265.00	275.60	271.40	280.90	245.20	177.30	236.10	178.20	262.60	176.00	130.00	5.02	8.07	8.00	7.15	79
78DEC	179.70	262.90	200.90	268.20	275.60	271.40	280.90	248.20	179.70	237.80	180.90	272.00	175.20	130.00	5.13	8.12	8.32	7.22	79
79JAN	180.80	275.70	206.30	268.90	283.10	285.70	280.90	245.20	185.00	240.40	187.90	272.00	176.40	130.40	5.14	8.26	8.19	7.16	79
79FEB	183.20	275.70	209.90	275.00	286.80	314.30	293.50	245.20	185.00	241.40	202.00	272.00	177.00	131.20	5.17	8.24	8.18	7.19	79
79MAR	185.90	275.70	209.90	283.00	287.90	328.60	293.50	245.20	185.00	242.40	213.60	277.80	180.30	131.70	5.18	8.25	8.24	7.18	79
79APR	188.60	275.70	212.70	284.10	287.90	342.80	293.50	245.20	187.30	250.20	222.10	289.50	204.30	132.70	5.18	8.19	8.07	7.17	79
79MAY	190.80	275.70	218.50	289.70	297.30	342.80	293.50	245.20	192.10	251.60	218.20	307.70	209.80	133.10	5.22	8.32	8.30	7.31	79
79JUN	193.10	275.70	218.10	289.70	297.30	403.60	293.50	245.20	192.10	251.60	215.30	328.00	210.00	134.50	5.29	8.33	8.38	7.41	79
79JUL	195.50	287.40	221.90	291.20	297.30	426.60	293.50	245.20	192.10	257.40	214.20	336.70	216.70	136.50	5.34	8.43	8.49	7.49	79
79AUG	198.80	289.00	224.60	292.40	298.60	414.30	293.50	245.20	192.10	260.60	216.40	336.70	217.60	137.10	5.40	8.47	8.60	7.49	79
79SEP	200.70	289.00	225.00	293.60	302.70	414.30	293.50	245.20	192.10	268.00	219.60	336.70	217.60	139.40	5.48	8.55	8.74	7.62	79
79OCT	203.00	289.00	226.40	294.40	316.60	439.30	303.20	245.20	195.30	266.10	230.20	336.70	222.60	139.90	5.50	8.83	8.86	7.68	80
79NOV	204.90	289.00	226.40	311.40	323.70	414.30	303.20	245.20	200.30	269.30	226.50	363.70	250.20	140.00	5.56	8.97	8.90	7.88	80
79DEC	205.90	289.00	226.40	312.20	324.60	410.70	303.20	245.20	200.30	271.90	229.00	363.70	253.90	142.10	5.73	9.04	9.27	8.02	80
80JAN	207.80	289.00	226.40	313.50	334.70	357.10	303.20	245.20	200.30	273.50	234.90	363.70	262.10	146.30	5.78	9.11	8.99	7.96	80
80FEB	210.70	289.00	226.40	314.30	341.30	364.30	303.20	245.20	200.30	273.50	257.80	456.00	262.10	149.90	5.82	9.17	8.99	8.05	80
80MAR	212.70	289.00	226.40	315.20	348.90	357.10	303.20	245.20	200.30	276.90	243.80	456.00	265.70	151.20	5.88	9.20	9.14	8.09	80

MONTHLY DATA

	MATERIALS													LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	007X	170711	130264	150141	151351	220127	220151	250101	250141	250117	2502XX	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3728	FY
80APR	214.10	304.50	232.20	316.50	348.70	321.40	322.70	247.70	203.40	290.20	230.90	379.70	284.60	153.40	5.93	9.38	9.10	8.16	80
80MAY	215.00	304.50	232.20	318.30	348.70	289.30	322.70	245.30	203.40	290.90	227.70	379.70	284.60	155.30	5.93	9.49	9.22	8.25	80
80JUN	217.30	304.50	230.80	320.10	349.50	282.10	322.70	245.30	206.60	290.90	224.90	379.70	285.00	157.00	6.04	9.59	9.32	8.32	80
80JUL	218.80	289.00	230.80	335.80	349.50	242.90	322.70	247.70	206.60	289.90	224.60	379.70	288.80	158.10	6.11	9.74	9.43	8.38	80
80AUG	220.50	289.00	230.80	337.20	349.10	285.70	322.70	247.70	206.60	289.90	230.10	379.70	291.70	160.10	6.13	9.81	9.62	8.52	80
80SEP	222.00	289.00	230.80	338.60	350.60	300.00	322.70	247.70	206.60	289.90	224.90	379.70	293.00	160.60	6.19	9.85	9.61	8.59	80
80OCT	222.80	304.50	222.40	340.00	352.00	321.40	347.70	254.90	209.80	297.80	227.90	379.70	294.50	160.60	6.22	10.05	9.65	8.66	81
80NOV	223.40	304.60	222.40	341.60	357.90	314.30	347.70	257.20	209.80	306.00	228.40	377.50	294.30	161.00	6.28	10.25	9.81	8.85	81
80DEC	223.30	304.60	221.60	343.00	359.00	292.80	347.70	257.20	209.80	306.00	228.40	364.40	294.90	162.00	6.34	10.33	10.20	8.96	81
81JAN	224.80	321.10	223.50	344.60	370.40	242.90	347.70	265.80	219.30	306.00	226.70	377.50	322.30	163.70	6.40	10.33	9.98	8.93	81
81FEB	226.40	321.10	223.80	345.80	371.20	214.30	347.70	268.70	224.50	306.00	224.80	377.50	322.90	164.20	6.45	10.43	10.04	8.98	81
81MAR	228.40	323.80	223.80	347.20	371.60	257.10	347.70	271.60	224.50	306.00	223.00	377.50	353.90	166.50	6.46	10.43	10.11	9.05	81
81APR	230.80	323.90	228.50	348.20	372.80	271.40	347.70	271.60	224.50	309.80	224.40	377.50	363.50	165.70	6.47	10.43	10.11	9.09	81
81MAY	231.80	323.70	228.50	349.30	375.50	264.30	347.70	274.30	224.50	309.80	222.20	377.50	363.50	165.80	6.52	10.57	10.25	9.26	81
81JUN	233.40	323.30	232.00	368.80	375.50	271.40	372.70	282.50	224.50	309.80	220.90	377.50	366.60	167.40	6.63	10.60	10.32	9.30	81
81JUL	232.10	343.50	232.00	368.10	378.70	296.40	372.70	285.90	224.50	309.80	220.20	377.50	374.80	170.20	6.64	10.67	10.44	9.28	81
81AUG	234.10	343.50	234.00	370.60	380.80	321.40	372.70	285.90	224.50	309.80	223.20	377.50	374.80	170.50	6.71	10.91	10.58	9.41	81
81SEP	235.70	343.50	235.90	371.80	383.20	307.10	372.70	285.90	224.50	309.80	222.40	377.50	374.90	170.80	6.71	10.89	10.59	9.53	81
81OCT	237.30	343.50	235.90	363.60	385.80	292.80	372.70	291.00	224.50	309.80	221.70	377.50	377.90	170.60	6.75	11.14	10.81	9.67	82
81NOV	238.00	343.50	235.90	375.80	389.90	250.00	372.70	292.30	224.50	309.80	219.00	373.80	377.90	170.70	6.77	11.24	10.72	9.83	82
81DEC	238.30	343.90	237.60	385.00	393.20	221.40	372.70	305.10	224.50	309.30	217.30	373.80	377.90	171.40	6.88	11.36	11.04	9.98	82
82JAN	237.30	343.90	237.60	388.70	401.10	221.40	372.70	305.10	224.50	309.30	215.80	373.80	381.00	174.50	7.00	11.47	10.93	9.86	82
82FEB	239.30	343.90	237.60	390.90	401.10	214.30	372.70	305.10	224.50	309.30	215.20	377.50	381.00	175.10	6.95	11.52	11.00	9.93	82
82MAR	240.80	343.90	236.20	390.90	401.10	196.40	372.70	305.10	223.40	308.70	210.10	377.50	380.80	175.50	6.99	11.51	10.99	9.86	82
82APR	241.10	343.90	245.30	403.50	400.50	192.90	372.70	305.10	222.30	308.70	207.90	377.50	375.50	175.60	7.02	11.47	10.97	9.91	82
82MAY	242.10	343.80	247.10	413.40	400.50	189.30	372.70	285.40	222.30	308.70	209.80	377.50	375.50	175.70	7.05	11.66	10.90	9.95	82
82JUN	242.50	343.60	247.10	413.40	400.50	185.70	372.70	285.40	222.30	308.10	201.50	377.50	375.50	175.60	7.07	11.72	11.01	10.12	82
82JUL	242.00	342.90	244.10	414.90	400.50	192.90	372.70	285.40	221.80	308.10	201.30	377.50	373.40	175.50	7.19	11.74	11.20	10.22	82
82AUG	242.60	342.90	244.10	414.90	399.60	189.30	372.70	285.40	221.80	308.10	201.20	377.50	373.40	175.60	7.22	11.95	11.28	10.23	82
82SEP	242.50	342.90	240.80	416.00	399.60	196.40	372.70	285.40	218.70	306.80	201.60	377.50	373.40	176.10	7.29	12.00	11.30	10.32	82
82OCT	242.20	342.90	233.20	416.70	399.60	185.70	372.70	285.40	218.70	306.50	200.90	377.50	342.70	176.50	7.38	12.33	11.39	10.54	83
82NOV	241.70	342.90	233.20	417.90	399.60	171.40	372.70	282.50	218.70	306.50	203.60	377.50	342.70	178.50	7.42	12.43	11.37	10.58	83
82DEC	242.20	342.90	233.20	417.90	399.60	151.80	372.70	282.50	218.70	306.20	203.50	377.50	342.70	178.50	7.48	12.50	11.60	10.67	83
83JAN	242.90	342.90	233.20	421.20	399.60	160.70	372.70	280.80	218.70	306.20	209.50	377.50	342.30	179.10	7.50	12.39	11.33	10.52	83
83FEB	242.30	362.00	233.20	425.60	399.60	155.40	372.70	280.90	218.70	306.20	219.50	377.50	331.00	180.10	7.49	12.44	11.35	10.53	83
83MAR	241.80	361.10	233.20	426.00	399.60	155.40	372.70	280.90	220.00	306.50	218.60	377.50	331.00	180.20	7.50	12.48	11.37	10.57	83
83APR	243.00	361.10	233.20	426.00	397.90	157.10	372.70	286.60	221.40	312.70	218.60	377.50	311.60	180.70	7.54	12.44	11.39	10.61	83
83MAY	242.90	361.10	233.20	427.40	397.90	153.60	372.70	286.60	223.20	312.70	221.50	377.50	311.60	180.20	7.53	12.45	11.41	10.67	83
83JUN	242.70	361.10	233.20	426.00	397.90	150.00	378.30	286.60	225.20	313.90	220.80	377.50	311.60	181.20	7.54	12.51	11.44	10.73	83
83JUL	244.40	361.10	236.10	427.40	397.90	150.00	383.90	286.60	225.20	331.60	221.20	377.50	311.60	185.20	7.56	12.57	11.72	10.77	83
83AUG	244.60	361.40	236.10	428.20	397.90	153.60	383.90	288.50	232.60	331.60	221.30	377.50	311.60	185.40	7.58	12.55	11.67	10.79	83
83SEP	244.50	381.60	238.00	428.20	397.90	148.20	383.90	319.90	232.60	350.40	220.10	377.50	311.60	186.00	7.59	12.64	11.78	10.84	83

APPENDIX F

HISTORICAL INFLATION INDICES

HISTORICAL INFLATION
PRE-1958 INDICES

CY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY83= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY83= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY83= 1.0000
47	47.3	7.1462	55.2	5.9661	49.1	6.8514
48	52.1	6.4959	61.8	5.3300	54.2	6.2008
49	53.8	6.2897	63.1	5.2174	55.9	6.0206
50	56.8	5.9616	66.4	4.9606	58.9	5.7109
51	62.4	5.4181	73.3	4.4906	64.9	5.1851
52	64.7	5.2295	74.9	4.3967	67.0	5.0226
53	67.5	5.0159	77.8	4.2304	69.8	4.8212
54	69.4	4.8739	79.3	4.1502	71.6	4.6958
55	73.1	4.6264	84.0	3.9187	75.6	4.4515
56	77.6	4.3600	90.2	3.6500	80.4	4.1830
57	79.9	4.2361	92.5	3.5597	82.7	4.0679

HISTORICAL INFLATION
CALENDAR YEAR INDICES

	AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=
CY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
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58	82.4	4.1043	94.2	3.4961	81.5	3.3955	85.0	3.9546	84.7	3.9008
59	83.3	4.0627	92.6	3.5539	83.2	3.3289	85.4	3.9400	85.1	3.8803
60	85.3	3.9675	95.5	3.4465	85.4	3.2422	87.6	3.8411	87.3	3.7826
61	86.0	3.9353	95.6	3.4419	87.4	3.1662	88.1	3.8163	88.1	3.7518
62	87.1	3.8828	95.9	3.4341	88.1	3.1411	89.1	3.7755	89.0	3.7127
63	88.0	3.8431	94.4	3.4872	89.0	3.1109	89.5	3.7596	89.4	3.6951
64	89.2	3.7935	92.3	3.5663	91.1	3.0374	89.9	3.7416	90.0	3.6703
65	92.3	3.6647	92.7	3.5507	92.6	2.9894	92.4	3.6393	92.4	3.5742
66	96.5	3.5071	95.5	3.4475	95.5	2.8996	96.3	3.4940	96.2	3.4350
67	100.0	3.3835	100.0	3.2922	100.0	2.7682	100.0	3.3632	100.0	3.3037
68	103.8	3.2595	104.6	3.1473	104.1	2.6582	104.0	3.2344	104.0	3.1767
69	110.4	3.0653	111.1	2.9620	108.1	2.5602	110.6	3.0422	110.3	2.9950
70	116.9	2.8953	121.8	2.7026	113.2	2.4455	118.0	2.8511	117.5	2.8120
71	120.9	2.7997	127.6	2.5804	117.4	2.3571	122.3	2.7489	121.9	2.7112
72	128.9	2.6245	130.7	2.5182	121.0	2.2882	129.3	2.6006	128.5	2.5712
73	137.7	2.4563	135.3	2.4340	125.4	2.2077	137.2	2.4514	136.0	2.4289
74	154.0	2.1973	157.2	2.0945	134.3	2.0608	154.7	2.1741	152.7	2.1641
75	172.0	1.9671	178.1	1.8482	146.2	1.8940	173.4	1.9400	170.6	1.9360
76	184.6	1.8330	189.9	1.7339	152.7	1.8129	185.8	1.8105	182.5	1.8107
77	197.8	1.7102	207.7	1.5848	164.4	1.6839	200.0	1.6813	196.5	1.6815
78	214.8	1.5753	219.4	1.5008	183.4	1.5093	215.8	1.5584	212.6	1.5542
79	237.6	1.4239	246.0	1.3381	199.7	1.3863	239.5	1.4043	235.5	1.4028
80	271.3	1.2472	299.2	1.1005	226.6	1.2215	277.5	1.2120	272.4	1.2128
81	304.7	1.1106	314.9	1.0455	246.7	1.1219	306.9	1.0957	300.9	1.0979
82	329.0	1.0284	327.1	1.0066	265.4	1.0432	328.6	1.0235	322.3	1.0252

HISTORICAL INFLATION
MONTHLY INDICES

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
			INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=
	CY	FY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
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JUL	67	68	99.3	3.4076	99.4	3.3106	100.5	2.7539	99.3	3.3860	99.4	3.3221
AUG	67	68	100.3	3.3718	100.0	3.2929	100.2	2.7628	100.3	3.3543	100.3	3.2952
SEP	67	68	100.7	3.3613	100.4	3.2796	100.1	2.7645	100.6	3.3432	100.6	3.2855
OCT	67	68	101.1	3.3453	102.1	3.2237	100.7	2.7493	101.4	3.3181	101.3	3.2616
NOV	67	68	102.1	3.3153	102.3	3.2190	100.9	2.7439	102.1	3.2938	102.0	3.2394
DEC	67	68	102.8	3.2916	103.2	3.1906	102.0	2.7135	102.9	3.2691	102.8	3.2139
JAN	68	68	102.5	3.3014	103.5	3.1814	102.5	2.6997	102.7	3.2746	102.7	3.2171
FEB	68	68	102.5	3.2998	103.9	3.1689	103.3	2.6792	102.8	3.2704	102.9	3.2111
MAR	68	68	102.6	3.2980	103.8	3.1718	103.2	2.6816	102.9	3.2697	102.9	3.2107
APR	68	68	101.9	3.3199	103.0	3.1973	102.7	2.6945	102.1	3.2925	102.2	3.2324
MAY	68	68	102.4	3.3050	104.1	3.1634	103.6	2.6708	102.8	3.2732	102.8	3.2124
JUN	68	68	102.8	3.2921	104.4	3.1524	104.1	2.6590	103.1	3.2606	103.2	3.2000
JUL	68	69	102.8	3.2919	104.5	3.1514	104.1	2.6598	103.2	3.2603	103.2	3.1998
AUG	68	69	103.9	3.2580	105.2	3.1302	104.7	2.6449	104.1	3.2293	104.2	3.1706
SEP	68	69	104.8	3.2298	105.3	3.1263	105.0	2.6376	104.9	3.2067	104.9	3.1498
OCT	68	69	106.6	3.1742	105.6	3.1187	105.2	2.6302	106.4	3.1620	106.3	3.1093
NOV	68	69	107.0	3.1631	105.8	3.1103	105.9	2.6149	106.7	3.1515	106.6	3.0982
DEC	68	69	107.3	3.1523	107.1	3.0734	106.2	2.6077	107.3	3.1348	107.2	3.0826
JAN	69	69	107.5	3.1484	108.1	3.0460	106.1	2.6092	107.6	3.1255	107.5	3.0746
FEB	69	69	108.9	3.1061	108.2	3.0431	107.4	2.5780	108.8	3.0922	108.6	3.0413
MAR	69	69	108.9	3.1069	108.1	3.0454	107.2	2.5835	108.7	3.0933	108.6	3.0430
APR	69	69	109.2	3.0972	108.4	3.0356	106.9	2.5890	109.1	3.0836	108.9	3.0351
MAY	69	69	109.2	3.0971	109.0	3.0204	107.8	2.5679	109.2	3.0801	109.1	3.0294
JUN	69	69	109.4	3.0941	110.3	2.9855	108.1	2.5610	109.6	3.0698	109.4	3.0195
JUL	69	70	109.3	3.0951	110.6	2.9777	108.4	2.5548	109.6	3.0687	109.5	3.0179
AUG	69	70	111.1	3.0452	110.8	2.9703	108.7	2.5472	111.0	3.0286	110.8	2.9814
SEP	69	70	110.4	3.0650	110.9	2.9686	109.5	2.5292	110.5	3.0435	110.4	2.9925
OCT	69	70	112.3	3.0128	115.5	2.8502	109.2	2.5345	113.0	2.9759	112.6	2.9331
NOV	69	70	113.8	2.9743	115.4	2.8538	109.6	2.5255	114.1	2.9472	113.7	2.9065
DEC	69	70	114.6	2.9525	119.4	2.7572	110.4	2.5076	115.7	2.9077	115.1	2.8693
JAN	70	70	114.9	2.9435	120.4	2.7351	111.0	2.4944	116.2	2.8955	115.6	2.8570
FEB	70	70	115.0	2.9425	120.4	2.7347	110.9	2.4963	116.2	2.8947	115.7	2.8565
MAR	70	70	115.1	2.9407	120.7	2.7280	111.5	2.4832	116.3	2.8916	115.8	2.8523
APR	70	70	115.4	2.9326	120.7	2.7284	111.9	2.4739	116.6	2.8856	116.1	2.8459
MAY	70	70	115.7	2.9239	121.1	2.7184	112.5	2.4601	116.9	2.8766	116.5	2.8364
JUN	70	70	115.9	2.9203	121.5	2.7089	113.6	2.4379	117.1	2.8716	116.8	2.8294
JUL	70	71	116.1	2.9142	121.8	2.7027	114.1	2.4254	117.4	2.8654	117.0	2.8235
AUG	70	71	118.0	2.8681	122.2	2.6940	114.4	2.4205	118.9	2.8284	118.5	2.7890
SEP	70	71	118.8	2.8470	122.4	2.6895	114.8	2.4110	119.6	2.8112	119.2	2.7726
OCT	70	71	119.0	2.8442	122.9	2.6779	115.1	2.4049	119.8	2.8063	119.4	2.7676
NOV	70	71	120.3	2.8126	123.6	2.6634	115.8	2.3901	121.0	2.7788	120.5	2.7414
DEC	70	71	120.3	2.8126	124.9	2.6358	116.7	2.3721	121.3	2.7721	120.9	2.7335

HISTORICAL INFLATION
MONTHLY INDICES

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
	CY	FY	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000
JAN	71	71	119.9	2.8223	124.7	2.6391	117.3	2.3605	121.0	2.7803	120.6	2.7395
FEB	71	71	119.6	2.8291	125.1	2.6315	117.1	2.3632	120.8	2.7836	120.5	2.7427
MAR	71	71	119.8	2.8250	125.7	2.6181	117.6	2.3548	121.1	2.7772	120.7	2.7361
APR	71	71	120.0	2.8196	125.8	2.6173	117.7	2.3527	121.3	2.7730	120.9	2.7321
MAY	71	71	121.2	2.7920	126.4	2.6045	117.8	2.3494	122.3	2.7490	121.9	2.7103
JUN	71	71	120.7	2.8036	128.5	2.5623	118.2	2.3417	122.4	2.7473	122.0	2.7080
JUL	71	72	120.6	2.8059	128.7	2.5571	118.0	2.3469	122.4	2.7478	122.0	2.7090
AUG	71	72	121.2	2.7925	128.9	2.5544	118.0	2.3462	122.9	2.7370	122.4	2.6993
SEP	71	72	121.6	2.7822	128.8	2.5567	118.2	2.3429	123.2	2.7298	122.7	2.6926
OCT	71	72	122.1	2.7720	129.2	2.5483	117.0	2.3664	123.6	2.7200	123.0	2.6864
NOV	71	72	122.7	2.7576	129.5	2.5419	117.2	2.3617	124.2	2.7076	123.5	2.6748
DEC	71	72	123.2	2.7458	130.4	2.5251	118.4	2.3390	124.8	2.6946	124.2	2.6607
JAN	72	72	122.6	2.7595	130.1	2.5300	118.9	2.3281	124.3	2.7061	123.7	2.6697
FEB	72	72	125.6	2.6937	131.0	2.5136	119.2	2.3219	126.8	2.6524	126.0	2.6211
MAR	72	72	126.8	2.6682	131.5	2.5026	120.1	2.3050	127.9	2.6303	127.1	2.5996
APR	72	72	128.8	2.6275	131.7	2.4991	119.7	2.3118	129.4	2.5984	128.5	2.5717
MAY	72	72	128.6	2.6307	132.5	2.4839	120.6	2.2958	129.5	2.5973	128.6	2.5690
JUN	72	72	128.6	2.6312	128.1	2.5695	121.1	2.2853	128.5	2.6175	127.8	2.5860
JUL	72	73	127.1	2.6628	128.6	2.5610	121.5	2.2792	127.4	2.6400	126.8	2.6054
AUG	72	73	129.6	2.6105	128.6	2.5600	121.4	2.2809	129.4	2.5994	128.6	2.5693
SEP	72	73	130.2	2.5996	129.0	2.5513	122.1	2.2669	129.9	2.5889	129.1	2.5584
OCT	72	73	131.0	2.5827	129.3	2.5464	122.1	2.2675	130.6	2.5747	129.8	2.5458
NOV	72	73	133.5	2.5336	129.7	2.5374	121.8	2.2729	132.7	2.5345	131.6	2.5103
DEC	72	73	134.9	2.5086	131.6	2.5026	123.0	2.2507	134.1	2.5073	133.0	2.4836
JAN	73	73	134.1	2.5240	130.9	2.5144	123.1	2.2490	133.4	2.5219	132.3	2.4965
FEB	73	73	134.9	2.5083	130.9	2.5151	122.8	2.2543	134.0	2.5098	132.9	2.4862
MAR	73	73	135.3	2.5004	132.6	2.4837	123.4	2.2431	134.7	2.4967	133.6	2.4733
APR	73	73	135.3	2.5011	132.7	2.4805	124.1	2.2308	134.7	2.4966	133.7	2.4719
MAY	73	73	136.3	2.4831	134.2	2.4526	124.2	2.2285	135.8	2.4764	134.7	2.4535
JUN	73	73	136.4	2.4797	135.2	2.4342	124.5	2.2227	136.2	2.4696	135.0	2.4469
JUL	73	74	136.2	2.4835	136.3	2.4160	125.2	2.2118	136.2	2.4685	135.1	2.4447
AUG	73	74	138.5	2.4421	136.5	2.4117	126.0	2.1963	138.1	2.4354	136.9	2.4134
SEP	73	74	139.1	2.4319	136.9	2.4050	126.6	2.1862	138.6	2.4260	137.4	2.4039
OCT	73	74	141.1	2.3985	137.3	2.3970	127.3	2.1750	140.2	2.3981	138.9	2.3777
NOV	73	74	141.7	2.3871	138.0	2.3864	127.9	2.1646	140.9	2.3869	139.6	2.3666
DEC	73	74	143.5	2.3581	140.9	2.3368	129.0	2.1456	142.9	2.3535	141.5	2.3345
JAN	74	74	144.5	2.3407	140.4	2.3447	128.9	2.1478	143.6	2.3416	142.2	2.3240
FEB	74	74	145.9	2.3191	141.4	2.3285	129.5	2.1371	144.9	2.3211	143.4	2.3045
MAR	74	74	147.2	2.2982	143.9	2.2872	130.4	2.1234	146.5	2.2958	144.9	2.2803
APR	74	74	148.0	2.2866	144.6	2.2770	131.0	2.1130	147.2	2.2845	145.6	2.2691
MAY	74	74	151.3	2.2364	154.1	2.1362	132.3	2.0924	151.9	2.2138	150.0	2.2031
JUN	74	74	152.3	2.2222	156.8	2.1000	134.3	2.0613	153.3	2.1944	151.4	2.1826
JUL	74	75	154.4	2.1909	160.0	2.0570	135.4	2.0441	155.7	2.1603	153.7	2.1500

HISTORICAL INFLATION
MONTHLY INDICES

	CY	FY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY83= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY83= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY83= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY83= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY83= 1.0000
AUG	74	75	157.3	2.1503	166.1	1.9817	135.4	2.0444	159.3	2.1112	156.9	2.1055
SEP	74	75	158.4	2.1362	167.0	1.9714	137.3	2.0167	160.3	2.0980	158.0	2.0909
OCT	74	75	161.3	2.0978	168.6	1.9528	137.6	2.0120	162.9	2.0645	160.4	2.0600
NOV	74	75	162.7	2.0796	169.3	1.9442	139.8	1.9797	164.2	2.0486	161.7	2.0426
DEC	74	75	163.5	2.0695	171.8	1.9167	141.9	1.9502	165.3	2.0343	163.0	2.0269
JAN	75	75	165.6	2.0434	177.3	1.8568	143.2	1.9330	168.2	1.9997	165.7	1.9939
FEB	75	75	166.0	2.0385	176.0	1.8701	144.0	1.9224	168.2	1.9994	165.8	1.9927
MAR	75	75	167.3	2.0224	176.7	1.8632	144.5	1.9163	169.4	1.9855	166.9	1.9795
APR	75	75	168.9	2.0033	177.0	1.8601	145.2	1.9060	170.7	1.9703	168.1	1.9648
MAY	75	75	170.4	1.9851	178.4	1.8454	145.6	1.9012	172.2	1.9530	169.6	1.9485
JUN	75	75	171.9	1.9678	177.5	1.8547	146.8	1.8856	173.2	1.9421	170.5	1.9372
JUL	75	76	172.6	1.9600	177.4	1.8553	147.9	1.8711	173.7	1.9362	171.1	1.9306
AUG	75	76	174.2	1.9419	178.1	1.8482	146.9	1.8843	175.1	1.9207	172.3	1.9176
SEP	75	76	175.1	1.9321	179.1	1.8378	147.6	1.8755	176.0	1.9108	173.2	1.9078
OCT	75	76	176.3	1.9195	179.5	1.8344	147.4	1.8779	177.0	1.9003	174.0	1.8984
NOV	75	76	177.8	1.9028	179.1	1.8382	147.5	1.8763	178.1	1.8884	175.0	1.8874
DEC	75	76	178.7	1.8939	181.6	1.8129	148.7	1.8615	179.3	1.8756	176.2	1.8745
JAN	76	76	179.1	1.8892	185.0	1.7794	149.6	1.8498	180.4	1.8642	177.3	1.8630
FEB	76	76	180.7	1.8726	185.3	1.7771	149.5	1.8519	181.7	1.8509	178.5	1.8510
MAR	76	76	181.8	1.8610	186.3	1.7671	149.8	1.8479	182.8	1.8398	179.5	1.8404
APR	76	76	181.2	1.8674	184.4	1.7854	149.9	1.8471	181.9	1.8490	178.7	1.8488
MAY	76	76	182.9	1.8503	186.6	1.7646	150.8	1.8360	183.7	1.8309	180.4	1.8314
JUN	76	76	183.0	1.8491	187.3	1.7579	151.8	1.8234	183.9	1.8285	180.7	1.8280
JUL	76	7T	185.7	1.8223	190.0	1.7331	152.8	1.8122	186.6	1.8021	183.2	1.8030
AUG	76	7T	185.7	1.8219	192.8	1.7074	153.3	1.8057	187.3	1.7957	183.9	1.7966
SEP	76	7T	186.9	1.8104	194.0	1.6967	154.0	1.7977	188.5	1.7844	185.0	1.7855
OCT	76	77	189.2	1.7886	194.7	1.6911	155.1	1.7853	190.4	1.7665	186.9	1.7680
NOV	76	77	189.7	1.7833	195.3	1.6855	155.7	1.7782	191.0	1.7610	187.4	1.7625
DEC	76	77	190.6	1.7753	196.7	1.6735	158.7	1.7440	191.9	1.7521	188.6	1.7514
JAN	77	77	191.6	1.7656	198.6	1.6579	164.6	1.6821	193.2	1.7410	190.3	1.7359
FEB	77	77	192.3	1.7591	199.8	1.6473	164.1	1.6874	194.0	1.7335	191.0	1.7296
MAR	77	77	193.4	1.7492	202.7	1.6239	164.6	1.6818	195.5	1.7203	192.4	1.7170
APR	77	77	195.3	1.7324	202.7	1.6241	165.4	1.6739	197.0	1.7076	193.8	1.7048
MAY	77	77	196.7	1.7202	206.4	1.5953	166.5	1.6624	198.8	1.6914	195.6	1.6890
JUN	77	77	197.4	1.7140	208.5	1.5791	168.0	1.6476	199.9	1.6828	196.7	1.6798
JUL	77	77	198.9	1.7008	210.2	1.5666	169.1	1.6368	201.4	1.6697	198.2	1.6669
AUG	77	77	200.2	1.6899	210.3	1.5652	169.7	1.6309	202.5	1.6611	199.2	1.6585
SEP	77	77	201.2	1.6814	211.3	1.5582	172.0	1.6092	203.5	1.6530	200.3	1.6492
OCT	77	78	200.7	1.6858	212.7	1.5479	171.9	1.6101	203.4	1.6537	200.2	1.6500
NOV	77	78	202.7	1.6695	213.0	1.5456	173.0	1.6002	205.0	1.6409	201.8	1.6374
DEC	77	78	203.5	1.6628	215.3	1.5291	175.3	1.5794	206.1	1.6318	203.0	1.6273
JAN	78	78	205.3	1.6479	213.0	1.5459	178.2	1.5531	207.0	1.6245	204.1	1.6183
FEB	78	78	207.4	1.6310	215.8	1.5258	178.9	1.5472	209.3	1.6069	206.3	1.6017

HISTORICAL INFLATION
MONTHLY INDICES

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
	CY	FY	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000
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MAR	78	78	208.4	1.6237	214.2	1.5370	179.6	1.5417	209.7	1.6040	206.7	1.5986
APR	78	78	210.0	1.6113	214.1	1.5378	179.7	1.5406	210.9	1.5947	207.8	1.5900
MAY	78	78	210.6	1.6067	215.2	1.5295	180.2	1.5362	211.6	1.5892	208.5	1.5846
JUN	78	78	211.4	1.6006	217.6	1.5128	181.6	1.5241	212.8	1.5806	209.7	1.5757
JUL	78	78	213.5	1.5850	220.1	1.4960	183.8	1.5064	214.9	1.5647	211.8	1.5597
AUG	78	78	216.4	1.5634	221.7	1.4847	184.0	1.5042	217.6	1.5456	214.2	1.5421
SEP	78	78	217.3	1.5567	223.2	1.4753	186.4	1.4848	218.6	1.5382	215.4	1.5336
OCT	78	79	221.1	1.5302	223.5	1.4731	186.8	1.4816	221.6	1.5174	218.2	1.5144
NOV	78	79	223.6	1.5135	223.3	1.4740	187.9	1.4732	223.5	1.5047	220.0	1.5020
DEC	78	79	225.1	1.5031	228.5	1.4407	191.1	1.4484	225.9	1.4893	222.4	1.4856
JAN	79	79	227.6	1.4865	228.4	1.4412	191.5	1.4452	227.8	1.4764	224.2	1.4737
FEB	79	79	227.9	1.4848	229.7	1.4331	192.7	1.4368	228.3	1.4732	224.7	1.4701
MAR	79	79	228.6	1.4800	231.5	1.4221	193.1	1.4334	229.3	1.4670	225.6	1.4641
APR	79	79	229.8	1.4726	233.8	1.4083	193.4	1.4311	230.6	1.4582	226.9	1.4559
MAY	79	79	233.3	1.4503	241.3	1.3646	194.7	1.4215	235.1	1.4308	231.0	1.4300
JUN	79	79	234.2	1.4450	245.1	1.3429	197.2	1.4036	236.6	1.4215	232.7	1.4200
JUL	79	79	237.0	1.4274	249.3	1.3207	199.3	1.3889	239.8	1.4027	235.7	1.4015
AUG	79	79	238.1	1.4213	251.4	1.3096	201.3	1.3754	241.0	1.3954	237.0	1.3937
SEP	79	79	240.0	1.4098	253.4	1.2990	204.3	1.3548	243.0	1.3841	239.1	1.3816
OCT	79	80	245.8	1.3766	272.2	1.2093	205.1	1.3499	251.7	1.3364	247.0	1.3375
NOV	79	80	252.1	1.3423	282.2	1.1664	207.1	1.3366	258.8	1.2997	253.6	1.3027
DEC	79	80	254.4	1.3301	287.1	1.1467	212.5	1.3027	261.6	1.2854	256.7	1.2868
JAN	80	80	256.3	1.3202	284.2	1.1585	215.3	1.2860	262.5	1.2813	257.8	1.2817
FEB	80	80	258.7	1.3078	310.5	1.0604	217.6	1.2722	270.2	1.2446	265.0	1.2469
MAR	80	80	259.7	1.3027	312.5	1.0534	219.8	1.2597	271.5	1.2389	266.3	1.2406
APR	80	80	265.0	1.2766	292.9	1.1239	221.9	1.2474	271.2	1.2399	266.3	1.2406
MAY	80	80	267.3	1.2660	294.5	1.1179	222.5	1.2441	273.3	1.2305	268.2	1.2317
JUN	80	80	269.4	1.2559	295.6	1.1136	226.3	1.2234	275.2	1.2219	270.3	1.2221
JUL	80	80	272.8	1.2403	297.2	1.1076	228.7	1.2106	278.2	1.2088	273.3	1.2089
AUG	80	80	275.0	1.2303	299.9	1.0976	229.9	1.2042	280.6	1.1987	275.5	1.1992
SEP	80	80	276.1	1.2254	300.0	1.0973	231.8	1.1943	281.4	1.1950	276.5	1.1950
OCT	80	81	281.0	1.2040	299.8	1.0982	232.7	1.1898	285.2	1.1793	279.9	1.1802
NOV	80	81	285.7	1.1841	301.5	1.0920	234.6	1.1802	289.2	1.1628	283.8	1.1642
DEC	80	81	287.6	1.1766	302.5	1.0883	236.6	1.1699	290.9	1.1562	285.5	1.1573
JAN	81	81	290.6	1.1643	305.4	1.0780	238.9	1.1587	293.9	1.1443	288.4	1.1455
FEB	81	81	292.8	1.1554	306.3	1.0747	240.5	1.1509	295.8	1.1368	290.3	1.1380
MAR	81	81	296.2	1.1424	308.9	1.0657	241.6	1.1460	299.0	1.1248	293.3	1.1265
APR	81	81	297.4	1.1375	310.3	1.0609	241.6	1.1458	300.3	1.1199	294.4	1.1221
MAY	81	81	300.7	1.1250	312.3	1.0540	243.1	1.1388	303.3	1.1088	297.3	1.1112
JUN	81	81	302.4	1.1190	314.3	1.0473	246.8	1.1216	305.0	1.1026	299.2	1.1041
JUL	81	81	304.5	1.1113	316.2	1.0413	248.0	1.1163	307.1	1.0953	301.2	1.0970
AUG	81	81	309.4	1.0936	318.4	1.0339	250.1	1.1067	311.4	1.0801	305.3	1.0822
SEP	81	81	309.5	1.0931	319.1	1.0316	250.2	1.1063	311.7	1.0791	305.5	1.0813

HISTORICAL INFLATION
MONTHLY INDICES

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
			INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=
	CY	FY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
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OCT	81	82	315.1	1.0739	322.2	1.0218	251.3	1.1014	316.6	1.0621	310.1	1.0653
NOV	81	82	317.5	1.0655	320.5	1.0273	252.0	1.0987	318.2	1.0570	311.6	1.0604
DEC	81	82	320.9	1.0544	324.9	1.0134	255.4	1.0839	321.8	1.0452	315.1	1.0483
JAN	82	82	322.6	1.0487	323.5	1.0176	259.9	1.0652	322.8	1.0418	316.5	1.0437
FEB	82	82	323.9	1.0447	325.5	1.0113	258.6	1.0704	324.2	1.0373	317.7	1.0400
MAR	82	82	323.3	1.0465	325.0	1.0129	259.9	1.0651	323.7	1.0390	317.3	1.0412
APR	82	82	322.3	1.0497	326.1	1.0096	260.8	1.0614	323.2	1.0407	316.9	1.0424
MAY	82	82	325.0	1.0410	325.6	1.0112	261.7	1.0577	325.2	1.0343	318.8	1.0363
JUN	82	82	326.7	1.0357	327.2	1.0062	262.3	1.0555	326.8	1.0292	320.3	1.0313
JUL	82	82	327.2	1.0339	329.0	1.0006	265.8	1.0416	327.6	1.0265	321.5	1.0277
AUG	82	82	331.0	1.0221	330.0	0.9977	266.7	1.0381	330.8	1.0167	324.4	1.0184
SEP	82	82	332.2	1.0184	329.9	0.9980	268.9	1.0296	331.7	1.0139	325.4	1.0152
OCT	82	83	336.1	1.0066	328.5	1.0021	271.6	1.0191	334.5	1.0056	328.2	1.0067
NOV	82	83	338.0	1.0011	328.4	1.0026	273.4	1.0124	335.8	1.0014	329.6	1.0023
DEC	82	83	339.6	0.9964	331.3	0.9939	275.2	1.0059	337.7	0.9958	331.5	0.9967
JAN	83	83	337.0	1.0040	327.7	1.0045	276.0	1.0031	334.9	1.0041	329.0	1.0040
FEB	83	83	337.1	1.0038	327.4	1.0055	276.0	1.0030	334.9	1.0042	329.0	1.0041
MAR	83	83	337.9	1.0012	327.7	1.0045	276.3	1.0018	335.7	1.0019	329.7	1.0019
APR	83	83	336.1	1.0066	327.1	1.0065	277.6	0.9971	334.1	1.0066	328.5	1.0057
MAY	83	83	336.6	1.0051	327.5	1.0053	277.2	0.9987	334.6	1.0052	328.8	1.0046
JUN	83	83	338.0	1.0010	328.0	1.0036	277.8	0.9965	335.8	1.0016	330.0	1.0011
JUL	83	83	340.0	0.9953	332.0	0.9916	279.6	0.9899	338.2	0.9944	332.3	0.9941
AUG	83	83	339.9	0.9955	331.5	0.9931	280.3	0.9876	338.0	0.9950	332.2	0.9944
SEP	83	83	343.9	0.9839	333.4	0.9874	280.8	0.9859	341.6	0.9847	335.5	0.9848

HISTORICAL INFLATION
QUARTERLY INDICES

		AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
		INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR
		CY67=	FY83=	CY67=	FY83=	CY67=	FY83=	CY67=	FY83=	CY67=	FY83=
QTR	CY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
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3	67	100.1	3.3801	99.9	3.2943	100.3	2.7604	100.1	3.3611	100.1	3.3009
4	67	102.0	3.3172	102.5	3.2110	101.2	2.7355	102.1	3.2936	102.0	3.2382
1	68	102.5	3.2998	103.7	3.1741	103.0	2.6868	102.8	3.2716	102.8	3.2130
2	68	102.4	3.3056	103.8	3.1709	103.5	2.6747	102.7	3.2754	102.8	3.2149
3	68	103.8	3.2597	105.0	3.1359	104.6	2.6474	104.1	3.2320	104.1	3.1732
4	68	107.0	3.1632	106.2	3.1007	105.8	2.6176	106.8	3.1494	106.7	3.0967
1	69	108.4	3.1203	108.1	3.0449	106.9	2.5902	108.4	3.1036	108.2	3.0529
2	69	109.3	3.0961	109.2	3.0137	107.6	2.5726	109.3	3.0778	109.1	3.0280
3	69	110.3	3.0683	110.8	2.9722	108.8	2.5437	110.4	3.0469	110.2	2.9972
4	69	113.6	2.9796	116.8	2.8197	109.7	2.5225	114.3	2.9433	113.8	2.9027
1	70	115.0	2.9422	120.5	2.7326	111.1	2.4913	116.2	2.8939	115.7	2.8553
2	70	115.7	2.9256	121.1	2.7186	112.7	2.4572	116.9	2.8779	116.4	2.8372
3	70	117.6	2.8762	122.1	2.6954	114.4	2.4189	118.6	2.8348	118.2	2.7946
4	70	119.9	2.8231	123.8	2.6589	115.9	2.3890	120.7	2.7857	120.2	2.7474
1	71	119.8	2.8254	125.2	2.6295	117.3	2.3595	121.0	2.7804	120.6	2.7394
2	71	120.6	2.8050	126.9	2.5945	117.9	2.3479	122.0	2.7564	121.6	2.7168
3	71	121.1	2.7935	128.8	2.5561	118.0	2.3453	122.8	2.7382	122.3	2.7003
4	71	122.7	2.7584	129.7	2.5384	117.5	2.3556	124.2	2.7074	123.6	2.6739
1	72	125.0	2.7066	130.9	2.5153	119.4	2.3183	126.3	2.6625	125.6	2.6298
2	72	128.7	2.6298	130.8	2.5169	120.5	2.2976	129.1	2.6044	128.3	2.5756
3	72	128.9	2.6240	128.7	2.5574	121.6	2.2756	128.9	2.6092	128.2	2.5776
4	72	133.1	2.5413	130.2	2.5286	122.3	2.2637	132.5	2.5385	131.5	2.5130
1	73	134.8	2.5109	131.5	2.5043	123.1	2.2488	134.0	2.5094	132.9	2.4853
2	73	136.0	2.4879	134.1	2.4556	124.3	2.2273	135.6	2.4808	134.4	2.4574
3	73	138.0	2.4523	136.6	2.4109	125.9	2.1980	137.7	2.4432	136.5	2.4206
4	73	142.1	2.3811	138.7	2.3731	128.1	2.1617	141.3	2.3794	140.0	2.3594
1	74	145.9	2.3192	141.9	2.3199	129.6	2.1361	145.0	2.3194	143.5	2.3028
2	74	150.5	2.2481	151.8	2.1684	132.5	2.0887	150.8	2.2302	149.0	2.2176
3	74	156.7	2.1589	164.4	2.0026	136.0	2.0350	158.4	2.1228	156.2	2.1152
4	74	162.5	2.0823	169.9	1.9378	139.8	1.9803	164.1	2.0490	161.7	2.0431
1	75	166.3	2.0348	176.7	1.8633	143.9	1.9239	168.6	1.9948	166.1	1.9887
2	75	170.4	1.9853	177.6	1.8534	145.9	1.8976	172.0	1.9550	169.4	1.9501
3	75	174.0	1.9446	178.2	1.8471	147.5	1.8770	174.9	1.9225	172.2	1.9186
4	75	177.6	1.9053	180.1	1.8284	147.9	1.8719	178.1	1.8880	175.1	1.8867
1	76	180.5	1.8742	185.5	1.7745	149.6	1.8499	181.6	1.8516	178.4	1.8514
2	76	182.3	1.8556	186.1	1.7692	150.8	1.8354	183.2	1.8361	179.9	1.8360
3	76	186.1	1.8182	192.3	1.7122	153.4	1.8052	187.5	1.7941	184.1	1.7950
4	76	189.8	1.7824	195.6	1.6833	156.5	1.7690	191.1	1.7599	187.6	1.7606
1	77	192.5	1.7579	200.4	1.6429	164.4	1.6838	194.2	1.7316	191.2	1.7275
2	77	196.5	1.7222	205.9	1.5993	166.6	1.6612	198.6	1.6939	195.4	1.6911
3	77	200.1	1.6906	210.6	1.5633	170.3	1.6255	202.5	1.6612	199.2	1.6582
4	77	202.3	1.6727	213.7	1.5408	173.4	1.5965	204.8	1.6421	201.7	1.6382

HISTORICAL INFLATION
QUARTERLY INDICES

		AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
		INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR
QTR	CY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
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1	78	207.1	1.6341	214.3	1.5362	178.9	1.5474	208.7	1.6118	205.7	1.6062
2	78	210.7	1.6062	215.7	1.5266	180.5	1.5336	211.8	1.5882	208.6	1.5834
3	78	215.7	1.5683	221.7	1.4853	184.7	1.4984	217.1	1.5494	213.8	1.5450
4	78	223.3	1.5155	225.1	1.4624	188.6	1.4676	223.7	1.5037	220.2	1.5006
1	79	228.0	1.4837	229.9	1.4321	192.4	1.4385	228.4	1.4722	224.8	1.4693
2	79	232.4	1.4559	240.1	1.3714	195.1	1.4187	234.1	1.4366	230.2	1.4351
3	79	238.4	1.4194	251.4	1.3097	201.6	1.3729	241.3	1.3940	237.3	1.3922
4	79	250.7	1.3494	280.5	1.1736	208.2	1.3294	257.4	1.3068	252.4	1.3087
1	80	258.2	1.3102	302.4	1.0887	217.5	1.2726	268.1	1.2547	263.0	1.2562
2	80	267.2	1.2661	294.3	1.1185	223.6	1.2382	273.3	1.2308	268.3	1.2314
3	80	274.7	1.2319	299.1	1.1008	230.1	1.2030	280.1	1.2008	275.1	1.2010
4	80	284.8	1.1881	301.3	1.0928	234.6	1.1799	288.4	1.1660	283.1	1.1672
1	81	293.2	1.1539	306.9	1.0728	240.3	1.1518	296.2	1.1353	290.7	1.1366
2	81	300.2	1.1271	312.3	1.0541	243.8	1.1353	302.9	1.1104	297.0	1.1124
3	81	307.8	1.0993	317.9	1.0356	249.4	1.1097	310.0	1.0848	304.0	1.0868
4	81	317.8	1.0646	322.5	1.0208	252.9	1.0946	318.9	1.0547	312.3	1.0580
1	82	323.3	1.0467	324.7	1.0139	259.5	1.0669	323.6	1.0394	317.2	1.0416
2	82	324.7	1.0421	326.3	1.0090	261.6	1.0582	325.0	1.0347	318.7	1.0366
3	82	330.2	1.0248	329.6	0.9988	267.1	1.0364	330.0	1.0190	323.8	1.0204
4	82	337.9	1.0013	329.4	0.9995	273.4	1.0124	336.0	1.0009	329.7	1.0019
1	83	337.3	1.0030	327.6	1.0048	276.1	1.0027	335.2	1.0034	329.3	1.0033
2	83	336.9	1.0042	327.5	1.0051	277.5	0.9974	334.8	1.0044	329.1	1.0038
3	83	341.2	0.9915	332.3	0.9907	280.2	0.9878	339.3	0.9913	333.4	0.9910

HISTORICAL INFLATION
FISCAL YEAR INDICES

FY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY83= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY83= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY83= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY83= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY83= 1.0000
68	101.7	3.3254	102.5	3.2118	102.0	2.7139	101.9	3.3000	101.9	3.2413
69	107.1	3.1586	107.1	3.0731	106.2	2.6066	107.1	3.1396	107.0	3.0867
70	113.6	2.9779	117.3	2.8072	110.6	2.5032	114.4	2.9391	114.0	2.8968
71	119.5	2.8322	124.5	2.6441	116.4	2.3785	120.6	2.7890	120.2	2.7493
72	124.4	2.7207	130.0	2.5316	118.9	2.3290	125.6	2.6772	124.9	2.6440
73	133.2	2.5400	131.1	2.5109	122.8	2.2537	132.7	2.5336	131.8	2.5075
74	144.1	2.3477	142.3	2.3143	129.0	2.1454	143.7	2.3404	142.2	2.3227
75	164.0	2.0633	172.1	1.9124	141.4	1.9578	165.8	2.0285	163.4	2.0224
76	178.6	1.8943	182.5	1.8042	149.0	1.8584	179.5	1.8740	176.4	1.8726
TT	186.1	1.8182	192.3	1.7122	153.4	1.8052	187.5	1.7941	184.1	1.7950
77	194.7	1.7376	203.1	1.6210	164.5	1.6833	196.6	1.7108	193.4	1.7085
78	208.9	1.6194	216.3	1.5219	179.4	1.5432	210.6	1.5971	207.5	1.5925
79	230.5	1.4678	236.6	1.3914	194.5	1.4236	231.9	1.4505	228.1	1.4482
80	262.7	1.2879	294.1	1.1195	219.9	1.2591	269.7	1.2471	264.7	1.2481
81	296.5	1.1412	309.6	1.0634	242.1	1.1436	299.4	1.1233	293.7	1.1250
82	324.0	1.0443	325.8	1.0106	260.3	1.0636	324.4	1.0368	318.0	1.0390
83	338.3	1.0000	329.2	1.0000	276.8	1.0000	336.3	1.0000	330.4	1.0000

APPENDIX G

Annual Data for The Historical Inflation Program

Raw Material Portion Only

CALENDAR YEAR DATA

PRE-1958

*** RAW MATERIAL ONLY ***

CY	PPI-07	PPI-10	SIC372
1947	70.50	54.90	0.000
1948	72.80	62.50	0.000
1949	70.50	63.00	0.000
1950	85.90	66.30	0.000
1951	105.40	73.80	0.000
1952	95.50	73.90	0.000
1953	89.10	76.30	0.000
1954	90.40	76.90	0.000
1955	102.40	82.10	0.000
1956	103.80	89.20	0.000
1957	103.40	91.00	0.000

CALENDAR YEAR DATA

	MATERIALS														LABOR			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	807X	130262	130264	1506XX	150151	220111	220151	250101	250113	250117	2502XX	250463	2505XX	1170XX	ELECT	ACFT	ENG	OTHER
CY	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3728
1958	103.30	93.10	125.70	93.20	93.20	86.70	100.00	107.60	107.60	107.60	74.10	70.50	149.30	99.90	0.00	0.00	0.00	0.00
1959	102.90	94.70	121.50	96.40	96.40	87.20	100.00	106.00	106.00	106.00	80.60	70.50	122.40	99.50	0.00	0.00	0.00	0.00
1960	103.10	94.70	120.20	96.80	96.80	85.20	100.00	110.80	110.80	110.80	81.70	87.20	117.90	98.20	0.00	0.00	0.00	0.00
1961	99.20	94.70	118.60	97.00	97.00	77.60	100.00	111.30	111.30	111.30	75.00	89.40	108.10	98.20	0.00	0.00	0.00	0.00
1962	96.30	94.70	115.40	97.00	97.00	68.70	100.00	108.70	108.70	108.70	73.90	91.60	101.00	96.70	0.00	0.00	0.00	0.00
1963	96.80	96.90	107.00	97.00	97.00	79.60	100.00	102.90	102.90	102.90	73.40	91.60	97.30	95.70	0.00	0.00	0.00	0.00
1964	95.50	98.00	94.40	97.10	97.10	97.00	100.00	101.40	101.40	101.40	78.50	90.60	97.30	95.10	0.00	0.00	0.00	0.00
1965	95.90	98.00	91.40	98.10	98.10	114.30	100.00	99.40	99.40	99.40	88.10	90.00	98.80	95.10	0.00	0.00	0.00	0.00
1966	97.80	98.80	91.60	99.00	97.90	107.20	100.00	98.50	98.50	98.50	99.00	94.20	100.00	97.70	0.00	0.00	0.00	0.00
1967	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00
1968	103.40	104.70	103.10	105.70	102.00	94.60	100.00	102.40	95.80	102.40	107.30	105.20	99.30	99.20	0.00	0.00	0.00	0.00
1969	105.30	109.50	112.50	113.40	108.10	106.50	100.00	109.70	91.00	112.00	119.20	112.20	98.00	100.70	0.00	0.00	0.00	0.00
1970	108.30	116.40	130.90	119.50	117.10	112.10	100.00	110.60	93.40	120.60	130.60	132.10	95.50	101.00	0.00	0.00	0.00	0.00
1971	109.10	123.40	135.00	125.30	122.90	99.00	102.70	106.70	93.40	121.40	118.60	139.70	102.90	102.40	0.00	0.00	0.00	0.00
1972	109.30	133.60	126.40	129.00	130.50	109.60	103.60	104.80	93.50	123.20	124.30	140.40	107.00	103.40	0.00	0.00	0.00	0.00
1973	112.40	135.30	122.10	132.20	136.90	117.00	106.40	105.20	93.40	125.10	141.70	148.20	109.20	104.40	0.00	0.00	0.00	0.00
1974	136.20	167.60	157.10	163.90	161.80	159.10	173.20	136.40	126.00	150.90	182.70	173.50	132.50	111.40	0.00	0.00	0.00	0.00
1975	150.20	189.30	165.30	196.80	191.90	154.00	228.10	152.60	145.40	167.00	149.90	219.60	168.80	115.50	0.00	0.00	0.00	0.00
1976	159.20	205.00	168.80	216.30	215.20	163.80	249.00	175.30	153.50	182.90	163.90	241.50	171.80	115.80	0.00	0.00	0.00	0.00
1977	167.60	230.00	197.10	234.40	235.90	219.30	270.60	200.80	163.50	211.50	166.40	259.10	170.20	119.50	0.00	0.00	0.00	0.00
1978	174.80	255.90	197.80	257.30	264.50	240.90	279.10	235.50	174.20	231.10	171.60	263.40	173.10	126.90	0.00	0.00	0.00	0.00
1979	194.30	282.20	218.80	291.90	297.80	378.30	294.90	245.20	191.60	255.10	216.30	318.40	211.40	135.80	0.00	0.00	0.00	0.00
1980	217.40	296.80	227.80	327.80	337.60	310.70	324.10	248.90	205.30	289.60	232.00	389.60	283.40	156.30	0.00	0.00	0.00	0.00
1981	232.60	333.20	231.00	368.80	379.00	267.50	362.30	280.90	224.10	308.80	222.20	376.90	362.60	168.10	0.00	0.00	0.00	0.00
1982	241.40	343.40	237.50	408.30	400.30	190.60	372.70	291.50	221.50	307.90	206.00	377.20	368.10	176.10	0.00	0.00	0.00	0.00

APPENDIX H

MONTHLY DATA FOR THE HISTORICAL INFLATION PROGRAM

RAW MATERIAL PORTION ONLY

MONTHLY DATA

	MATERIALS														LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	007X	130262	130264	1506XX	150151	220111	220151	250101	250113	250117	2502XX	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3728	FY
67JUL	98.80	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	95.70	98.90	100.00	99.80	0.00	0.00	0.00	0.00	68
67AUG	100.80	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	95.60	98.90	100.00	99.70	0.00	0.00	0.00	0.00	68
67SEP	101.30	100.00	99.10	100.00	100.20	100.00	100.00	100.10	100.10	100.10	98.40	98.90	100.00	99.50	0.00	0.00	0.00	0.00	68
67OCT	101.90	100.00	101.60	100.00	100.20	100.00	100.00	100.10	100.10	100.10	100.60	103.20	100.00	99.40	0.00	0.00	0.00	0.00	68
67NOV	102.40	100.00	103.20	100.00	101.30	100.00	100.00	100.10	100.10	100.10	105.10	103.20	100.00	99.10	0.00	0.00	0.00	0.00	68
67DEC	102.30	100.00	103.20	100.00	101.30	100.00	100.00	100.10	100.10	100.10	107.50	103.20	100.00	99.90	0.00	0.00	0.00	0.00	68
68JAN	102.40	103.40	103.20	102.90	101.40	100.00	100.00	100.10	100.10	100.10	115.10	103.20	100.00	99.70	0.00	0.00	0.00	0.00	68
68FEB	102.50	103.40	103.20	103.10	101.40	100.00	100.00	100.10	100.10	100.10	119.50	105.40	100.00	99.40	0.00	0.00	0.00	0.00	68
68MAR	102.60	103.40	103.20	104.00	101.40	100.00	100.00	100.10	100.10	100.10	120.00	105.40	100.00	99.10	0.00	0.00	0.00	0.00	68
68APR	102.60	103.40	103.20	104.00	101.40	100.00	100.00	100.10	100.10	100.10	122.20	105.40	99.20	99.40	0.00	0.00	0.00	0.00	68
68MAY	102.70	103.40	103.20	104.00	101.40	92.90	100.00	100.10	100.10	100.10	107.40	105.40	99.20	99.50	0.00	0.00	0.00	0.00	68
68JUN	103.00	103.40	103.20	105.40	101.40	92.90	100.00	103.30	101.60	101.50	102.70	105.40	99.20	99.10	0.00	0.00	0.00	0.00	68
68JUL	103.50	103.40	103.20	106.80	101.40	92.90	100.00	104.20	101.60	104.50	99.30	105.40	99.20	99.00	0.00	0.00	0.00	0.00	69
68AUG	104.00	103.40	104.10	106.80	101.40	89.20	100.00	104.20	101.60	104.50	98.90	105.40	99.20	99.00	0.00	0.00	0.00	0.00	69
68SEP	104.00	107.20	103.30	108.00	101.40	89.20	100.00	104.20	86.20	104.50	98.90	105.40	99.20	99.00	0.00	0.00	0.00	0.00	69
68OCT	104.20	107.20	103.30	108.00	101.70	92.90	100.00	104.20	86.20	104.50	99.10	105.40	99.20	99.00	0.00	0.00	0.00	0.00	69
68NOV	104.30	107.20	102.20	108.00	104.50	92.90	100.00	104.20	86.20	104.50	101.00	105.40	99.20	99.10	0.00	0.00	0.00	0.00	69
68DEC	104.40	107.20	102.20	108.00	105.60	92.90	100.00	104.20	86.20	104.50	102.60	105.40	99.20	99.10	0.00	0.00	0.00	0.00	69
69JAN	103.20	107.20	105.40	109.50	105.60	96.50	100.00	104.20	86.20	104.50	109.30	110.50	99.20	98.90	0.00	0.00	0.00	0.00	69
69FEB	103.80	107.20	105.40	109.50	105.60	100.00	100.00	108.30	90.50	108.90	109.20	110.50	99.20	100.20	0.00	0.00	0.00	0.00	69
69MAR	104.10	107.20	105.40	110.50	105.60	100.00	100.00	109.30	90.50	109.40	110.40	110.50	99.20	100.40	0.00	0.00	0.00	0.00	69
69APR	104.40	107.20	106.20	110.50	105.80	103.50	100.00	110.50	89.80	110.70	113.00	110.50	99.20	100.60	0.00	0.00	0.00	0.00	69
69MAY	104.20	107.20	106.40	113.60	106.10	103.50	100.00	110.50	89.80	112.00	116.10	110.50	99.20	100.60	0.00	0.00	0.00	0.00	69
69JUN	104.30	107.20	110.60	113.60	107.80	107.10	100.00	110.50	89.80	112.30	116.50	110.50	99.20	100.60	0.00	0.00	0.00	0.00	69
69JUL	105.70	107.20	110.60	113.60	108.70	110.70	100.00	110.50	89.80	112.30	118.40	110.50	99.20	100.50	0.00	0.00	0.00	0.00	70
69AUG	106.10	112.90	110.60	115.30	108.70	110.70	100.00	110.50	91.00	112.80	123.20	110.50	99.20	100.60	0.00	0.00	0.00	0.00	70
69SEP	105.80	112.90	110.60	116.30	109.10	110.70	100.00	110.50	93.40	112.30	127.00	110.50	95.50	101.20	0.00	0.00	0.00	0.00	70
69OCT	106.60	112.90	126.80	116.30	109.10	110.70	100.00	110.50	93.40	114.10	127.80	110.50	95.50	101.40	0.00	0.00	0.00	0.00	70
69NOV	107.50	112.90	126.00	116.30	110.70	110.70	100.00	110.50	93.40	116.60	127.80	110.50	95.50	101.70	0.00	0.00	0.00	0.00	70
69DEC	107.50	112.90	125.80	116.30	113.50	114.30	100.00	110.50	93.40	117.80	131.80	130.90	95.50	101.40	0.00	0.00	0.00	0.00	70
70JAN	107.80	107.50	130.90	117.90	114.80	117.90	100.00	110.60	93.40	117.80	135.70	130.90	95.50	101.40	0.00	0.00	0.00	0.00	70
70FEB	107.70	113.10	130.90	117.90	114.90	117.90	100.00	110.60	93.40	117.80	135.00	130.90	95.50	100.20	0.00	0.00	0.00	0.00	70
70MAR	107.60	113.10	130.90	117.90	115.30	117.90	100.00	110.60	93.40	117.80	132.00	130.90	95.50	100.20	0.00	0.00	0.00	0.00	70
70APR	107.50	113.10	130.70	117.90	115.30	117.90	100.00	110.60	93.40	119.00	135.10	130.90	95.50	100.60	0.00	0.00	0.00	0.00	70
70MAY	107.20	113.10	130.90	117.90	115.70	117.90	100.00	110.60	93.40	121.50	136.70	130.90	95.50	99.80	0.00	0.00	0.00	0.00	70
70JUN	107.10	119.40	130.90	117.90	117.30	117.90	100.00	110.60	93.40	121.70	136.70	130.90	95.50	101.20	0.00	0.00	0.00	0.00	70
70JUL	108.50	119.40	130.90	120.40	118.40	110.80	100.00	110.60	93.40	121.70	133.20	130.90	95.50	101.20	0.00	0.00	0.00	0.00	71
70AUG	109.20	119.40	130.90	120.40	118.40	107.10	100.00	110.60	93.50	121.70	132.40	130.90	95.50	101.00	0.00	0.00	0.00	0.00	71
70SEP	109.20	119.40	130.90	120.40	118.40	105.40	100.00	110.60	93.50	121.90	124.60	133.10	95.50	101.50	0.00	0.00	0.00	0.00	71
70OCT	109.10	119.40	130.90	121.60	118.40	105.40	100.00	110.60	93.50	121.90	123.90	133.10	95.50	101.50	0.00	0.00	0.00	0.00	71
70NOV	109.00	119.40	130.90	121.60	118.40	105.40	100.00	110.60	93.50	121.90	123.10	136.00	95.50	101.90	0.00	0.00	0.00	0.00	71
70DEC	109.20	119.40	130.90	121.60	119.30	103.60	100.00	110.60	93.50	121.90	118.80	136.00	95.50	101.90	0.00	0.00	0.00	0.00	71
71JAN	108.30	119.40	130.80	122.60	119.80	96.40	103.60	110.60	93.40	121.50	115.20	136.00	100.00	102.80	0.00	0.00	0.00	0.00	71
71FEB	109.00	119.40	130.80	122.60	119.80	96.40	103.60	108.60	93.40	121.50	113.20	136.00	100.30	103.30	0.00	0.00	0.00	0.00	71
71MAR	109.00	119.40	130.80	122.60	119.80	96.40	103.60	108.60	93.40	121.50	112.60	140.40	101.70	103.70	0.00	0.00	0.00	0.00	71
71APR	108.80	119.40	130.80	125.20	119.80	96.40	103.60	108.60	93.40	121.50	120.50	140.40	103.70	103.10	0.00	0.00	0.00	0.00	71
71MAY	108.60	119.40	130.80	125.20	121.70	96.40	103.60	108.60	93.40	121.50	124.00	140.40	103.70	102.70	0.00	0.00	0.00	0.00	71
71JUN	108.60	119.40	138.10	125.80	124.30	96.40	103.60	108.60	93.40	121.50	120.70	140.40	103.70	103.00	0.00	0.00	0.00	0.00	71
71JUL	109.40	127.40	138.10	125.80	124.80	101.80	103.60	108.60	93.40	121.50	120.70	140.40	103.70	103.10	0.00	0.00	0.00	0.00	72
71AUG	109.80	127.40	138.10	126.80	125.00	101.80	103.60	108.60	93.40	121.50	120.00	140.40	103.70	103.20	0.00	0.00	0.00	0.00	72
71SEP	109.60	127.40	138.10	126.80	125.00	101.80	100.80	108.60	93.40	121.50	119.50	140.40	103.70	102.80	0.00	0.00	0.00	0.00	72

MONTHLY DATA

	MATERIALS														LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	007X	130262	130264	1506XX	150151	220111	220151	250101	250113	250117	2502XX	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3728	FY
71OCT	109.40	127.40	138.10	126.80	125.00	101.80	100.80	108.60	93.40	121.50	119.50	140.40	103.70	102.80	0.00	0.00	0.00	0.00	72
71NOV	109.30	127.40	138.10	126.80	125.00	101.80	100.80	108.60	93.40	120.90	119.10	140.40	103.70	102.60	0.00	0.00	0.00	0.00	72
71DEC	109.30	127.40	137.10	126.80	125.00	101.10	100.80	108.60	93.40	120.90	117.70	140.40	103.70	102.50	0.00	0.00	0.00	0.00	72
72JAN	109.50	124.10	137.10	127.60	127.60	101.10	103.60	105.60	93.40	121.60	119.70	140.40	103.70	102.40	0.00	0.00	0.00	0.00	72
72FEB	109.20	134.50	137.10	127.60	129.00	103.60	103.60	105.60	93.40	121.60	121.60	140.40	106.80	103.40	0.00	0.00	0.00	0.00	72
72MAR	108.90	134.50	138.10	127.60	129.70	110.70	103.60	105.10	93.40	121.60	125.40	140.40	107.10	103.40	0.00	0.00	0.00	0.00	72
72APR	108.70	134.50	138.10	127.80	129.70	110.70	103.60	105.10	93.40	123.10	125.30	140.40	107.10	103.20	0.00	0.00	0.00	0.00	72
72MAY	108.80	134.50	138.10	127.80	130.70	112.50	103.60	105.10	94.90	123.80	125.50	140.40	107.40	104.00	0.00	0.00	0.00	0.00	72
72JUN	108.90	134.50	120.40	127.80	130.80	112.50	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.90	0.00	0.00	0.00	0.00	72
72JUL	109.20	134.50	120.40	127.80	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	104.00	0.00	0.00	0.00	0.00	73
72AUG	109.50	134.50	117.50	130.90	131.30	112.50	103.60	105.10	93.40	123.80	123.50	140.40	107.40	103.70	0.00	0.00	0.00	0.00	73
72SEP	109.50	134.50	117.50	130.90	131.30	110.70	103.60	105.10	93.40	123.80	125.30	140.40	107.40	103.30	0.00	0.00	0.00	0.00	73
72OCT	109.50	134.50	117.50	130.90	131.30	110.70	103.60	103.70	93.40	123.80	125.10	140.40	107.40	103.20	0.00	0.00	0.00	0.00	73
72NOV	109.80	134.50	117.50	130.90	131.30	108.90	103.60	103.70	93.40	123.80	125.70	140.40	107.40	103.20	0.00	0.00	0.00	0.00	73
72DEC	109.80	134.50	117.50	130.90	132.00	108.90	103.60	103.70	93.40	123.80	125.90	140.40	107.40	103.30	0.00	0.00	0.00	0.00	73
73JAN	110.00	134.50	117.50	130.90	132.00	108.90	106.40	103.70	93.40	123.80	126.20	140.40	107.40	103.60	0.00	0.00	0.00	0.00	73
73FEB	110.10	134.50	117.50	130.90	132.00	110.70	106.40	103.70	93.40	123.80	127.90	140.40	107.40	103.60	0.00	0.00	0.00	0.00	73
73MAR	110.30	134.50	117.50	130.90	134.00	114.30	106.40	103.70	93.40	123.80	137.00	149.80	107.40	103.70	0.00	0.00	0.00	0.00	73
73APR	110.60	134.50	117.50	132.30	138.00	114.30	106.40	104.40	93.40	123.80	138.50	149.80	107.10	104.00	0.00	0.00	0.00	0.00	73
73MAY	111.50	134.50	123.40	132.30	138.00	116.10	106.40	104.40	93.40	125.20	141.90	149.80	106.40	104.40	0.00	0.00	0.00	0.00	73
73JUN	112.60	134.50	124.50	132.30	138.20	117.90	106.40	104.40	93.40	125.60	142.10	149.80	108.20	104.50	0.00	0.00	0.00	0.00	73
73JUL	112.90	134.50	124.50	132.30	138.20	117.90	106.40	104.40	93.40	125.20	141.60	149.80	108.20	104.60	0.00	0.00	0.00	0.00	74
73AUG	113.10	134.50	124.50	133.00	138.20	117.90	106.40	104.40	93.40	125.20	140.80	149.80	109.00	104.60	0.00	0.00	0.00	0.00	74
73SEP	112.80	134.50	124.50	133.00	138.20	117.90	106.40	105.60	93.40	125.20	143.50	149.80	111.10	104.60	0.00	0.00	0.00	0.00	74
73OCT	114.00	137.50	124.50	133.00	138.20	117.90	106.40	106.70	93.40	125.90	146.50	149.80	111.10	104.80	0.00	0.00	0.00	0.00	74
73NOV	114.80	137.50	124.60	133.00	138.90	117.90	106.40	107.20	93.40	126.90	154.30	149.80	112.30	104.90	0.00	0.00	0.00	0.00	74
73DEC	116.50	137.50	124.60	133.00	138.90	132.10	106.40	109.40	93.40	126.90	160.40	149.80	114.70	105.70	0.00	0.00	0.00	0.00	74
74JAN	117.70	137.50	126.80	142.60	142.20	135.70	116.80	117.80	102.00	130.20	165.20	149.80	114.70	106.20	0.00	0.00	0.00	0.00	74
74FEB	119.80	137.50	128.60	143.50	142.50	135.70	116.80	117.80	102.00	134.00	165.40	149.80	114.70	106.40	0.00	0.00	0.00	0.00	74
74MAR	123.80	142.00	134.90	143.50	144.40	135.70	123.75	117.30	108.90	136.10	178.30	149.80	121.80	107.20	0.00	0.00	0.00	0.00	74
74APR	129.40	146.60	140.10	143.50	145.20	144.60	130.70	125.00	116.40	144.50	189.00	149.80	121.80	108.30	0.00	0.00	0.00	0.00	74
74MAY	133.70	155.80	153.60	161.00	152.20	153.60	153.00	127.10	116.40	146.20	200.30	175.30	123.10	109.60	0.00	0.00	0.00	0.00	74
74JUN	135.60	165.40	159.60	159.30	162.40	153.60	153.00	132.30	123.20	150.40	203.70	175.30	124.30	111.30	0.00	0.00	0.00	0.00	74
74JUL	139.50	182.30	163.90	163.80	167.30	175.00	180.80	144.30	132.20	152.20	198.70	175.30	137.50	112.10	0.00	0.00	0.00	0.00	75
74AUG	143.40	188.50	173.10	179.70	168.10	175.00	219.70	151.00	140.40	163.80	188.90	191.30	137.50	113.90	0.00	0.00	0.00	0.00	75
74SEP	145.60	188.50	174.90	182.50	168.10	175.00	208.60	151.00	140.40	163.80	184.90	191.30	139.00	113.30	0.00	0.00	0.00	0.00	75
74OCT	147.50	188.50	174.90	182.50	182.90	175.00	208.60	151.00	142.20	163.80	181.60	191.30	151.70	114.30	0.00	0.00	0.00	0.00	75
74NOV	148.50	188.50	175.80	182.50	182.90	175.00	208.60	151.00	144.10	162.80	172.70	191.30	151.70	116.80	0.00	0.00	0.00	0.00	75
74DEC	149.40	190.00	178.90	182.50	182.90	175.00	208.60	151.00	144.10	162.80	163.50	191.30	151.70	117.00	0.00	0.00	0.00	0.00	75
75JAN	149.60	189.10	178.90	182.50	182.90	175.00	228.10	151.00	144.10	162.10	159.10	219.60	163.40	117.30	0.00	0.00	0.00	0.00	75
75FEB	150.00	189.10	169.60	185.00	182.90	175.00	228.10	151.00	144.10	162.10	156.00	219.60	163.40	117.00	0.00	0.00	0.00	0.00	75
75MAR	149.70	189.10	169.30	198.40	182.90	175.00	228.10	151.00	144.10	165.20	148.80	219.60	162.20	116.60	0.00	0.00	0.00	0.00	75
75APR	149.40	189.10	169.30	198.40	185.90	175.00	228.10	151.00	144.10	165.20	150.90	219.60	164.60	116.30	0.00	0.00	0.00	0.00	75
75MAY	148.90	185.00	169.30	198.40	195.40	168.80	228.10	151.00	144.10	165.00	148.00	219.60	170.80	115.60	0.00	0.00	0.00	0.00	75
75JUN	148.60	185.00	162.60	198.40	195.40	135.70	228.10	151.00	144.10	165.50	147.90	219.60	170.80	115.70	0.00	0.00	0.00	0.00	75
75JUL	150.10	184.80	162.90	201.10	195.40	135.70	228.10	151.00	144.10	165.50	143.80	219.60	171.80	115.60	0.00	0.00	0.00	0.00	76
75AUG	150.00	184.80	162.90	201.10	195.40	135.70	228.10	157.20	147.20	171.00	145.60	219.60	171.80	115.10	0.00	0.00	0.00	0.00	76
75SEP	150.80	184.80	162.90	201.10	195.40	142.90	228.10	157.20	147.20	171.00	147.10	219.60	171.80	114.50	0.00	0.00	0.00	0.00	76
75OCT	151.50	197.00	162.40	201.10	195.40	142.90	228.10	153.40	147.20	170.70	150.20	219.60	171.80	113.90	0.00	0.00	0.00	0.00	76
75NOV	151.80	197.00	156.90	201.10	196.80	142.90	228.10	153.40	147.20	170.70	151.30	219.60	171.80	114.30	0.00	0.00	0.00	0.00	76
75DEC	151.90	197.00	156.70	201.10	198.40	142.90	228.10	153.40	147.20	170.30	150.00	219.60	171.80	114.30	0.00	0.00	0.00	0.00	76

MONTHLY DATA

	MATERIALS														LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	007X	130262	130264	1506XX	150151	220111	220151	250101	250113	250117	2502XX	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3728	FY
76JAN	152.30	197.00	162.60	214.80	198.40	135.70	242.00	157.20	147.20	169.80	149.20	241.50	171.80	114.50	0.00	0.00	0.00	0.00	76
76FEB	154.10	197.00	162.60	214.80	198.40	135.70	242.00	158.80	147.20	169.80	150.10	241.50	171.80	114.90	0.00	0.00	0.00	0.00	76
76MAR	155.50	197.00	164.20	214.80	210.80	135.70	242.00	163.50	147.20	169.80	152.10	241.50	171.80	115.00	0.00	0.00	0.00	0.00	76
76APR	156.70	197.00	164.20	214.80	210.20	150.00	242.00	163.50	147.20	169.80	163.20	241.50	171.80	115.20	0.00	0.00	0.00	0.00	76
76MAY	157.10	197.00	164.20	214.80	210.20	162.50	242.00	169.30	154.60	175.30	166.70	241.50	171.80	115.30	0.00	0.00	0.00	0.00	76
76JUN	157.10	209.10	164.20	214.80	215.20	164.30	242.00	175.90	154.60	180.40	166.70	241.50	171.80	115.80	0.00	0.00	0.00	0.00	76
76JUL	158.30	209.10	164.20	214.80	219.50	176.80	255.90	175.90	154.60	180.70	168.80	241.50	171.80	116.00	0.00	0.00	0.00	0.00	7T
76AUG	161.10	209.10	174.40	218.40	220.60	176.80	255.90	178.80	154.60	188.60	171.40	241.50	171.80	115.90	0.00	0.00	0.00	0.00	7T
76SEP	163.90	209.10	176.30	218.40	220.60	176.80	255.90	190.30	158.80	197.50	172.40	241.50	171.80	116.20	0.00	0.00	0.00	0.00	7T
76OCT	164.60	209.10	176.30	218.40	220.60	183.90	255.90	190.30	158.80	197.50	174.70	241.50	171.80	116.80	0.00	0.00	0.00	0.00	77
76NOV	164.80	209.10	176.30	218.40	228.60	183.90	255.90	190.30	158.80	197.50	169.90	241.50	171.80	116.90	0.00	0.00	0.00	0.00	77
76DEC	164.70	220.90	176.30	218.40	229.70	183.90	255.90	190.30	158.80	197.50	161.60	241.50	171.80	117.30	0.00	0.00	0.00	0.00	77
77JAN	164.60	222.60	185.00	218.40	231.80	189.30	255.90	190.30	158.80	197.50	159.00	241.50	171.80	118.20	0.00	0.00	0.00	0.00	77
77FEB	164.20	222.60	186.60	220.40	231.80	207.10	267.00	190.30	158.80	197.50	160.40	241.50	171.80	118.40	0.00	0.00	0.00	0.00	77
77MAR	164.60	222.60	186.60	230.40	231.80	221.40	267.00	190.30	158.80	197.50	167.40	262.60	171.80	118.30	0.00	0.00	0.00	0.00	77
77APR	165.70	222.60	186.60	233.40	231.80	221.40	267.00	196.00	161.50	208.70	175.30	262.60	171.80	118.90	0.00	0.00	0.00	0.00	77
77MAY	166.30	222.60	200.10	235.70	231.80	221.40	267.00	199.80	158.80	208.70	175.30	262.60	169.80	118.80	0.00	0.00	0.00	0.00	77
77JUN	167.50	222.60	203.40	235.70	231.80	221.40	267.00	199.80	158.80	209.30	172.90	262.60	169.80	118.90	0.00	0.00	0.00	0.00	77
77JUL	168.90	237.40	205.60	235.70	234.20	221.40	275.40	203.70	167.80	218.30	173.10	262.60	169.80	118.70	0.00	0.00	0.00	0.00	77
77AUG	169.30	237.40	205.60	239.40	234.20	221.40	275.40	20[illegible]60	167.80	220.20	170.20	262.60	170.00	118.80	0.00	0.00	0.00	0.00	77
77SEP	169.50	237.40	202.70	239.40	240.10	221.40	275.40	204.60	167.80	220.20	163.10	262.60	168.80	120.50	0.00	0.00	0.00	0.00	77
77OCT	170.20	237.40	202.70	241.20	240.10	221.40	275.40	206.[illegible]	167.80	220.20	158.60	262.60	169.10	121.10	0.00	0.00	0.00	0.00	78
77NOV	170.20	237.40	200.30	241.20	245.40	228.60	275.40	211.80	167.80	220.20	160.60	262.60	168.70	121.70	0.00	0.00	0.00	0.00	78
77DEC	170.00	237.40	200.30	241.20	245.90	235.70	275.40	211.80	167.80	220.20	161.20	262.60	168.70	121.50	0.00	0.00	0.00	0.00	78
78JAN	170.20	237.40	194.00	241.90	245.90	235.70	275.40	211.80	167.80	223.80	164.80	262.60	168.70	124.40	0.00	0.00	0.00	0.00	78
78FEB	170.20	250.80	194.00	241.90	245.90	235.70	275.40	217.00	167.80	225.20	166.80	262.60	169.30	124.70	0.00	0.00	0.00	0.00	78
78MAR	171.40	250.80	192.90	241.90	257.70	235.70	275.40	228.50	170.40	229.30	167.00	262.60	170.10	125.80	0.00	0.00	0.00	0.00	78
78APR	172.80	254.10	190.50	260.00	257.70	235.70	275.40	228.50	173.10	230.60	168.30	262.60	170.10	125.30	0.00	0.00	0.00	0.00	78
78MAY	173.80	254.50	192.70	260.00	263.70	228.60	280.90	228.50	173.10	230.60	169.10	262.60	172.20	126.00	0.00	0.00	0.00	0.00	78
78JUN	174.50	254.50	196.70	260.00	263.90	221.40	280.90	228.50	173.10	232.00	171.30	262.60	174.20	126.80	0.00	0.00	0.00	0.00	78
78JUL	174.90	254.50	202.00	260.00	263.90	221.40	280.90	235.20	173.10	232.00	169.70	262.60	174.20	127.10	0.00	0.00	0.00	0.00	78
78AUG	175.70	262.90	204.50	260.60	273.00	233.90	280.90	245.20	178.90	232.00	172.50	262.60	175.70	127.00	0.00	0.00	0.00	0.00	78
78SEP	176.70	262.90	203.30	263.90	275.00	235.70	280.90	245.20	178.90	232.00	173.80	262.60	175.60	127.20	0.00	0.00	0.00	0.00	78
78OCT	178.10	262.90	200.80	264.60	275.60	264.30	280.90	245.20	177.30	232.00	177.10	262.60	175.70	128.50	0.00	0.00	0.00	0.00	79
78NOV	179.40	262.90	200.90	265.00	275.60	271.40	280.90	245.20	177.30	236.10	178.20	262.60	176.00	130.00	0.00	0.00	0.00	0.00	79
78DEC	179.70	262.90	200.90	268.20	275.60	271.40	280.90	248.20	179.70	237.80	180.90	272.00	175.20	130.00	0.00	0.00	0.00	0.00	79
79JAN	180.80	275.70	206.30	268.90	283.10	285.70	280.90	245.20	185.00	240.40	187.90	272.00	176.40	130.40	0.00	0.00	0.00	0.00	79
79FEB	183.20	275.70	209.90	275.00	286.80	314.30	293.50	245.20	185.00	241.40	202.00	272.00	177.00	131.20	0.00	0.00	0.00	0.00	79
79MAR	185.90	275.70	209.90	283.00	287.90	328.60	293.50	245.20	185.00	242.40	213.60	277.80	180.30	131.70	0.00	0.00	0.00	0.00	79
79APR	188.80	275.70	212.70	284.10	287.90	342.80	293.50	245.20	187.30	250.20	222.10	289.50	204.30	132.70	0.00	0.00	0.00	0.00	79
79MAY	190.80	275.70	218.50	289.70	297.30	342.80	293.50	245.20	192.10	251.60	218.20	307.70	209.80	133.10	0.00	0.00	0.00	0.00	79
79JUN	193.10	275.70	218.10	289.70	297.30	403.60	293.50	245.20	192.10	251.60	215.30	328.00	214.80	134.50	0.00	0.00	0.00	0.00	79
79JUL	195.50	287.40	221.90	291.20	297.30	428.60	293.50	245.20	192.10	257.40	214.20	336.70	216.70	136.50	0.00	0.00	0.00	0.00	79
79AUG	198.80	289.00	224.60	292.40	298.60	414.30	293.50	245.20	192.10	260.60	216.40	336.70	217.60	137.10	0.00	0.00	0.00	0.00	79
79SEP	200.70	289.00	225.00	293.60	302.70	414.30	293.50	245.20	192.10	258.00	219.60	336.70	217.60	139.40	0.00	0.00	0.00	0.00	79
79OCT	203.00	289.00	226.40	294.40	316.60	439.30	303.20	245.20	195.30	266.10	230.20	336.70	222.60	139.90	0.00	0.00	0.00	0.00	80
79NOV	204.90	289.00	226.40	311.40	323.70	414.30	303.20	245.20	200.30	269.30	226.50	363.70	250.20	140.80	0.00	0.00	0.00	0.00	80
79DEC	205.90	289.00	226.40	312.20	324.80	410.70	303.20	245.20	200.30	271.90	229.00	363.70	253.90	142.10	0.00	0.00	0.00	0.00	80
80JAN	207.80	289.00	226.40	313.50	334.70	357.10	303.20	245.20	200.30	273.50	234.90	363.70	262.10	146.20	0.00	0.00	0.00	0.00	80
80FEB	210.70	289.00	226.40	314.30	341.30	364.30	303.20	245.20	200.30	273.50	257.80	456.00	262.10	149.90	0.00	0.00	0.00	0.00	80
80MAR	212.70	289.00	226.40	315.20	348.90	357.10	303.20	245.20	200.30	276.90	243.80	456.00	265.70	151.20	0.00	0.00	0.00	0.00	80

MONTHLY DATA

	MATERIALS													LABOR				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	007X	170711	130264	150141	151351	220127	220151	250101	250141	250117	2502XX	250463	2505XX	1178XX	ELECT	ACFT	ENG	OTHER	
CY/MO	RUBBER	CR STL	STNLS	CAST	FORGE	LEAD	MAGNES	ALUMN	SC.STK	EXTRU	CP/BRS	MONEL	TI.MIL	ELECT	367X	3721	3724	3728	FY
80APR	214.10	304.50	232.20	316.50	348.70	321.40	322.70	247.70	203.40	290.20	230.90	379.70	284.60	153.40	0.00	0.00	0.00	0.00	80
80MAY	215.00	304.50	232.20	318.30	348.70	289.30	322.70	245.30	203.40	290.90	227.70	379.70	284.60	155.30	0.00	0.00	0.00	0.00	80
80JUN	217.30	304.50	230.80	320.10	349.50	282.10	322.70	245.30	206.60	290.90	224.90	379.70	285.00	157.00	0.00	0.00	0.00	0.00	80
80JUL	218.80	289.00	230.80	335.80	349.50	242.90	322.70	247.70	206.60	289.90	224.60	379.70	288.80	158.10	0.00	0.00	0.00	0.00	80
80AUG	220.50	289.00	230.80	337.20	349.10	285.70	322.70	247.70	206.60	289.90	230.10	379.70	291.70	160.10	0.00	0.00	0.00	0.00	80
80SEP	222.00	289.00	230.80	338.60	350.60	300.00	322.70	247.70	206.60	289.90	224.90	379.70	293.00	160.60	0.00	0.00	0.00	0.00	80
80OCT	222.80	304.50	222.40	340.00	352.00	321.40	347.70	254.90	209.80	297.80	227.90	379.70	294.50	160.60	0.00	0.00	0.00	0.00	81
80NOV	223.40	304.60	222.40	341.60	357.90	314.30	347.70	257.20	209.80	306.00	228.40	377.50	294.30	161.00	0.00	0.00	0.00	0.00	81
80DEC	223.30	304.60	221.60	343.00	359.00	292.80	347.70	257.20	209.80	306.00	228.40	364.40	294.90	162.00	0.00	0.00	0.00	0.00	81
81JAN	224.80	321.10	223.50	344.60	370.40	242.90	347.70	265.80	219.30	306.00	226.70	377.50	322.30	163.70	0.00	0.00	0.00	0.00	81
81FEB	226.40	321.10	223.80	345.80	371.20	214.30	347.70	268.70	224.50	306.00	224.80	377.50	322.90	164.20	0.00	0.00	0.00	0.00	81
81MAR	228.40	323.80	223.80	347.20	371.60	257.10	347.70	271.60	224.50	306.00	223.00	377.50	353.90	166.50	0.00	0.00	0.00	0.00	81
81APR	230.80	323.90	228.50	348.20	372.80	271.40	347.70	271.60	224.50	309.80	224.40	377.50	363.50	165.70	0.00	0.00	0.00	0.00	81
81MAY	231.80	323.70	228.50	349.30	375.50	264.30	347.70	274.30	224.50	309.80	222.20	377.50	363.50	165.80	0.00	0.00	0.00	0.00	81
81JUN	233.40	323.30	232.00	368.80	375.50	271.40	372.70	282.50	224.50	309.80	220.90	377.50	366.60	167.40	0.00	0.00	0.00	0.00	81
81JUL	232.10	343.50	232.00	368.10	370.70	296.40	372.70	285.90	224.50	309.80	220.20	377.50	374.80	170.20	0.00	0.00	0.00	0.00	81
81AUG	234.10	343.50	234.00	370.60	380.80	321.40	372.70	285.90	224.50	309.80	223.20	377.50	374.80	170.50	0.00	0.00	0.00	0.00	81
81SEP	235.70	343.50	235.90	371.80	383.20	307.10	372.70	285.90	224.50	309.80	222.40	377.50	374.90	170.80	0.00	0.00	0.00	0.00	81
81OCT	237.30	343.50	235.90	363.60	385.80	292.80	372.70	291.00	224.50	309.80	221.70	377.50	377.90	170.60	0.00	0.00	0.00	0.00	82
81NOV	238.00	343.50	235.90	375.80	389.90	250.00	372.70	292.30	224.50	309.80	219.00	373.80	377.90	170.70	0.00	0.00	0.00	0.00	82
81DEC	238.30	343.90	237.60	385.00	393.20	221.40	372.70	305.10	224.50	309.30	217.30	373.80	377.90	171.40	0.00	0.00	0.00	0.00	82
82JAN	237.30	343.90	237.60	388.70	401.10	221.40	372.70	305.10	224.50	309.30	215.80	373.80	381.00	174.50	0.00	0.00	0.00	0.00	82
82FEB	239.30	343.90	237.60	390.90	401.10	214.30	372.70	305.10	224.50	309.30	215.20	377.50	381.00	175.10	0.00	0.00	0.00	0.00	82
82MAR	240.80	343.90	236.20	390.90	401.10	196.40	372.70	305.10	223.40	308.70	210.10	377.50	380.80	175.50	0.00	0.00	0.00	0.00	82
82APR	241.10	343.90	245.30	403.50	400.50	192.90	372.70	305.10	222.30	308.70	207.90	377.50	375.50	175.60	0.00	0.00	0.00	0.00	82
82MAY	242.10	343.80	247.10	413.40	400.50	189.30	372.70	285.40	222.30	308.70	209.80	377.50	375.50	175.70	0.00	0.00	0.00	0.00	82
82JUN	242.50	343.60	247.10	413.40	400.50	185.70	372.70	285.40	222.30	308.10	201.50	377.50	375.50	175.60	0.00	0.00	0.00	0.00	82
82JUL	242.00	342.90	244.10	414.90	400.50	192.90	372.70	285.40	221.80	308.10	201.30	377.50	373.40	175.50	0.00	0.00	0.00	0.00	82
82AUG	242.60	342.90	244.10	414.90	399.60	189.30	372.70	285.40	221.80	308.10	201.20	377.50	373.40	175.60	0.00	0.00	0.00	0.00	82
82SEP	242.50	342.90	240.80	416.00	399.60	196.40	372.70	285.40	218.70	306.80	201.60	377.50	373.40	176.10	0.00	0.00	0.00	0.00	82
82OCT	242.20	342.90	233.20	416.70	399.60	185.70	372.70	285.40	218.70	306.50	200.90	377.50	342.70	176.50	0.00	0.00	0.00	0.00	83
82NOV	241.70	342.90	233.20	417.90	399.60	171.40	372.70	282.50	218.70	306.50	203.60	377.50	342.70	178.50	0.00	0.00	0.00	0.00	83
82DEC	242.20	342.90	233.20	417.90	399.60	151.80	372.70	282.50	218.70	306.20	203.50	377.50	342.70	178.50	0.00	0.00	0.00	0.00	83
83JAN	242.90	342.90	233.20	421.20	399.60	160.70	372.70	280.80	218.70	306.20	209.50	377.50	342.30	179.10	0.00	0.00	0.00	0.00	83
83FEB	242.30	362.00	233.20	425.60	399.60	155.40	372.70	280.90	218.70	306.20	219.50	377.50	331.00	180.10	0.00	0.00	0.00	0.00	83
83MAR	241.80	361.10	233.20	426.00	399.60	155.40	372.70	280.90	220.00	306.50	218.60	377.50	331.00	180.20	0.00	0.00	0.00	0.00	83
83APR	243.00	361.10	233.20	426.00	397.90	157.10	372.70	286.60	221.40	312.70	218.60	377.50	311.60	180.70	0.00	0.00	0.00	0.00	83
83MAY	242.90	361.10	233.20	427.40	397.90	153.60	372.70	286.60	223.20	312.70	221.50	377.50	311.60	180.20	0.00	0.00	0.00	0.00	83
83JUN	242.70	361.10	233.20	426.00	397.90	150.00	378.30	286.60	225.20	313.90	220.80	377.50	311.60	181.20	0.00	0.00	0.00	0.00	83
83JUL	244.40	361.10	236.10	427.40	397.90	150.00	383.90	286.60	225.20	331.60	221.20	377.50	311.60	185.20	0.00	0.00	0.00	0.00	83
83AUG	244.60	361.40	236.10	428.20	397.90	153.60	383.90	288.50	232.60	331.60	221.30	377.50	311.60	185.40	0.00	0.00	0.00	0.00	83
83SEP	244.50	361.60	238.00	428.20	397.90	148.20	383.90	319.90	232.60	350.40	220.10	377.50	311.60	186.00	0.00	0.00	0.00	0.00	83

APPENDIX I

HISTORICAL INFLATION INDICES

RAW MATERIAL PORTION ONLY

HISTORICAL INFLATION
PRE-1958 INDICES

RAW MATERIAL PORTION ONLY

CY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY83= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY83= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY83= 1.0000
47	17.0	4.2594	36.2	4.7522	21.3	4.4457
48	19.2	3.7721	41.2	4.1760	24.1	3.9256
49	19.3	3.7540	41.5	4.1436	24.2	3.9023
50	20.6	3.5243	43.7	3.9349	25.7	3.6795
51	23.1	3.1378	46.7	3.5334	28.8	3.2865
52	22.9	3.1625	46.7	3.5303	28.6	3.3015
53	23.5	3.0893	50.3	3.4207	29.4	3.2152
54	23.6	3.0635	50.7	3.3939	29.7	3.1890
55	25.4	2.8554	54.1	3.1782	31.8	2.9776
56	27.4	2.6432	58.8	2.9261	34.4	2.7507
57	27.9	2.5958	60.0	2.8685	35.0	2.6995

HISTORICAL INFLATION
CALENDAR YEAR INDICES

RAW MATERIAL PORTION ONLY

	AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=
CY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
58	27.7	2.6122	59.6	2.8874	31.5	1.8115	34.8	2.7168	34.5	2.6342
59	25.8	2.8066	56.3	3.0562	31.3	1.8188	32.6	2.9024	32.5	2.7978
60	26.2	2.7656	57.9	2.9695	30.9	1.8428	33.2	2.8445	33.0	2.7507
61	25.4	2.8523	57.0	3.0183	30.9	1.8428	32.4	2.9172	32.3	2.8142
62	24.5	2.9512	55.8	3.0814	30.5	1.8714	31.5	3.0025	31.4	2.8927
63	23.7	3.0625	53.2	3.2314	30.1	1.8910	30.2	3.1286	30.2	3.0051
64	23.5	3.0765	49.8	3.4557	30.0	1.9029	29.4	3.2193	29.4	3.0853
65	23.6	3.0696	49.0	3.5081	30.0	1.9029	29.3	3.2330	29.3	3.0971
66	23.8	3.0400	49.8	3.4559	30.8	1.8523	29.6	3.1954	29.7	3.0563
67	24.1	3.0047	52.8	3.2571	31.5	1.8097	30.5	3.1019	30.6	2.9688
68	24.5	2.9562	54.3	3.1658	31.2	1.8243	31.1	3.0375	31.1	2.9158
69	25.5	2.8400	57.8	2.9754	31.7	1.7971	32.7	2.8932	32.6	2.7865
70	26.2	2.7610	65.3	2.6343	31.8	1.7917	34.9	2.7084	34.6	2.6241
71	26.2	2.7665	67.7	2.5416	32.3	1.7673	35.4	2.6710	35.1	2.5879
72	26.6	2.7252	65.9	2.6097	32.6	1.7502	35.3	2.6773	35.0	2.5911
73	27.3	2.6558	66.2	2.5990	32.9	1.7334	35.9	2.6326	35.6	2.5495
74	34.2	2.1207	82.9	2.0757	35.1	1.6245	45.0	2.1023	44.0	2.0642
75	39.1	1.8516	95.7	1.7966	36.4	1.5668	51.7	1.8289	50.2	1.8099
76	42.2	1.7148	100.8	1.7064	36.5	1.5628	55.3	1.7114	53.4	1.7012
77	45.6	1.5886	111.5	1.5428	37.6	1.5144	60.2	1.5698	58.0	1.5662
78	49.2	1.4713	113.2	1.5189	40.0	1.4261	63.5	1.4902	61.1	1.4860
79	55.6	1.3036	130.2	1.3213	42.8	1.3326	72.2	1.3107	69.2	1.3120
80	64.7	1.1203	170.9	1.0062	49.2	1.1578	88.3	1.0712	84.4	1.0763
81	74.9	0.9669	173.0	0.9944	53.0	1.0765	96.7	0.9778	92.3	0.9835
82	76.0	0.9526	174.7	0.9848	55.5	1.0276	98.0	0.9653	93.7	0.9690

HISTORICAL INFLATION
MONTHLY INDICES

RAW MATERIAL PORTION ONLY

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
			INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR
	CY	FY	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000
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JUL	67	68	24.0	3.0161	52.4	3.2819	31.4	1.8133	30.3	3.1182	30.4	2.9834
AUG	67	68	24.1	3.0110	52.4	3.2816	31.4	1.8151	30.4	3.1148	30.5	2.9809
SEP	67	68	24.1	3.0041	52.4	3.2810	31.3	1.8188	30.4	3.1102	30.5	2.9775
OCT	67	68	24.2	2.9940	53.7	3.2046	31.3	1.8206	30.7	3.0757	30.8	2.9481
NOV	67	68	24.3	2.9839	54.1	3.1786	31.2	1.8261	30.9	3.0596	30.9	2.9352
DEC	67	68	24.3	2.9794	54.1	3.1783	31.5	1.8115	30.9	3.0568	31.0	2.9303
JAN	68	68	24.5	2.9616	54.1	3.1771	31.4	1.8151	31.1	3.0451	31.1	2.9209
FEB	68	68	24.6	2.9507	54.5	3.1590	31.3	1.8206	31.2	3.0315	31.2	2.9100
MAR	68	68	24.6	2.9488	54.5	3.1589	31.2	1.8261	31.2	3.0303	31.2	2.9098
APR	68	68	24.5	2.9513	54.4	3.1624	31.3	1.8206	31.2	3.0331	31.2	2.9114
MAY	68	68	24.3	2.9802	54.4	3.1645	31.3	1.8188	31.0	3.0520	31.0	2.9274
JUN	68	68	24.5	2.9560	54.4	3.1632	31.2	1.8261	31.1	3.0364	31.2	2.9151
JUL	68	69	24.6	2.9390	54.4	3.1624	31.2	1.8279	31.3	3.0254	31.3	2.9059
AUG	68	69	24.7	2.9388	54.6	3.1487	31.2	1.8279	31.3	3.0202	31.3	2.9014
SEP	68	69	24.4	2.9633	54.4	3.1627	31.2	1.8279	31.1	3.0408	31.1	2.9192
OCT	68	69	24.5	2.9621	54.4	3.1626	31.2	1.8279	31.1	3.0400	31.1	2.9185
NOV	68	69	24.5	2.9582	54.1	3.1782	31.2	1.8261	31.1	3.0434	31.1	2.9211
DEC	68	69	24.5	2.9549	54.1	3.1776	31.2	1.8261	31.1	3.0410	31.1	2.9191
JAN	69	69	24.6	2.9390	55.7	3.0891	31.2	1.8298	31.5	2.9979	31.5	2.8824
FEB	69	69	25.1	2.8817	55.7	3.0857	31.6	1.8061	31.9	2.9608	31.9	2.8466
MAR	69	69	25.2	2.8694	55.8	3.0850	31.6	1.8025	32.0	2.9528	32.0	2.8390
APR	69	69	25.4	2.8510	56.0	3.0722	31.7	1.7989	32.2	2.9365	32.2	2.8244
MAY	69	69	25.5	2.8379	56.1	3.0685	31.7	1.7989	32.3	2.9268	32.2	2.8160
JUN	69	69	25.6	2.8353	57.2	3.0086	31.7	1.7989	32.6	2.9029	32.5	2.7952
JUL	69	70	25.6	2.8284	57.2	3.0079	31.7	1.8007	32.6	2.8983	32.5	2.7915
AUG	69	70	25.8	2.8125	57.2	3.0070	31.7	1.7989	32.7	2.8880	32.6	2.7823
SEP	69	70	25.6	2.8326	56.9	3.0222	31.9	1.7882	32.5	2.9063	32.5	2.7966
OCT	69	70	25.7	2.8210	61.2	2.8115	31.9	1.7847	33.6	2.8171	33.4	2.7184
NOV	69	70	25.8	2.8074	61.0	2.8201	32.0	1.7794	33.6	2.8125	33.5	2.7136
DEC	69	70	26.1	2.7775	63.8	2.6979	31.9	1.7847	34.5	2.7447	34.2	2.6551
JAN	70	70	26.2	2.7696	65.1	2.6416	31.9	1.7847	34.8	2.7164	34.5	2.6302
FEB	70	70	26.2	2.7697	65.1	2.6417	31.6	1.8061	34.8	2.7165	34.5	2.6332
MAR	70	70	26.1	2.7750	65.1	2.6419	31.6	1.8061	34.8	2.7196	34.5	2.6359
APR	70	70	26.2	2.7647	65.1	2.6435	31.7	1.7989	34.8	2.7144	34.5	2.6303
MAY	70	70	26.3	2.7516	65.1	2.6406	31.4	1.8133	35.0	2.7056	34.6	2.6245
JUN	70	70	26.3	2.7495	65.2	2.6402	31.9	1.7882	35.0	2.7043	34.7	2.6200
JUL	70	71	26.3	2.7513	65.2	2.6401	31.9	1.7882	35.0	2.7053	34.6	2.6209
AUG	70	71	26.3	2.7512	65.2	2.6401	31.8	1.7917	35.0	2.7052	34.6	2.6213
SEP	70	71	26.2	2.7616	65.4	2.6288	32.0	1.7829	34.9	2.7063	34.6	2.6211
OCT	70	71	26.2	2.7623	65.4	2.6289	32.0	1.7829	34.9	2.7068	34.6	2.6215
NOV	70	71	26.2	2.7614	65.8	2.6132	32.1	1.7759	35.0	2.6995	34.7	2.6142
DEC	70	71	26.2	2.7683	65.8	2.6133	32.1	1.7759	35.0	2.7035	34.7	2.6177

HISTORICAL INFLATION
MONTHLY INDICES

RAW MATERIAL PORTION ONLY

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
	CY	FY	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000	INDEX CY67= 100.0	FACTOR FY83= 1.0000
JAN	71	71	26.1	2.7759	65.9	2.6116	32.4	1.7604	34.9	2.7071	34.7	2.6187
FEB	71	71	26.0	2.7876	65.9	2.6114	32.5	1.7519	34.9	2.7136	34.6	2.6232
MAR	71	71	26.1	2.7751	66.6	2.5836	32.7	1.7451	35.1	2.6943	34.9	2.6054
APR	71	71	26.4	2.7468	66.8	2.5768	32.5	1.7553	35.3	2.6755	35.1	2.5902
MAY	71	71	26.4	2.7415	66.8	2.5761	32.4	1.7621	35.4	2.6721	35.1	2.5882
JUN	71	71	26.4	2.7466	68.7	2.5039	32.4	1.7570	35.8	2.6431	35.4	2.5619
JUL	71	72	26.4	2.7427	68.7	2.5038	32.5	1.7553	35.8	2.6408	35.5	2.5598
AUG	71	72	26.4	2.7424	68.7	2.5037	32.5	1.7536	35.8	2.6406	35.5	2.5594
SEP	71	72	26.4	2.7454	68.6	2.5061	32.4	1.7604	35.8	2.6434	35.4	2.5627
OCT	71	72	26.4	2.7459	68.6	2.5061	32.4	1.7604	35.8	2.6437	35.4	2.5629
NOV	71	72	26.3	2.7494	68.6	2.5063	32.3	1.7638	35.7	2.6457	35.4	2.5652
DEC	71	72	26.3	2.7518	68.4	2.5160	32.3	1.7655	35.7	2.6514	35.3	2.5704
JAN	72	72	26.2	2.7610	68.4	2.5136	32.3	1.7673	35.6	2.6553	35.3	2.5741
FEB	72	72	26.5	2.7347	68.7	2.5043	32.6	1.7502	35.9	2.6366	35.5	2.5554
MAR	72	72	26.5	2.7294	69.0	2.4936	32.6	1.7502	36.0	2.6289	35.6	2.5486
APR	72	72	26.6	2.7234	69.0	2.4933	32.5	1.7536	36.0	2.6255	35.7	2.5460
MAY	72	72	26.7	2.7155	69.0	2.4920	32.8	1.7401	36.1	2.6205	35.8	2.5399
JUN	72	72	26.7	2.7178	64.4	2.6720	32.7	1.7417	35.0	2.6991	34.8	2.6091
JUL	72	73	26.6	2.7201	64.4	2.6720	32.8	1.7401	35.0	2.7005	34.8	2.6100
AUG	72	73	26.7	2.7177	63.6	2.7039	32.7	1.7451	34.9	2.7121	34.6	2.6209
SEP	72	73	26.7	2.7149	63.6	2.7038	32.5	1.7519	34.9	2.7104	34.7	2.6204
OCT	72	73	26.6	2.7232	63.6	2.7042	32.5	1.7536	34.8	2.7155	34.6	2.6251
NOV	72	73	26.6	2.7217	63.6	2.7041	32.5	1.7536	34.8	2.7146	34.6	2.6243
DEC	72	73	26.6	2.7214	63.6	2.7039	32.5	1.7519	34.8	2.7143	34.6	2.6238
JAN	73	73	26.6	2.7187	63.7	2.7012	32.6	1.7468	34.9	2.7116	34.7	2.6207
FEB	73	73	26.7	2.7156	63.7	2.7010	32.6	1.7468	34.9	2.7097	34.7	2.6190
MAR	73	73	26.9	2.6928	65.0	2.6463	32.7	1.7451	35.4	2.6738	35.1	2.5874
APR	73	73	27.0	2.6870	65.0	2.6459	32.8	1.7401	35.4	2.6702	35.2	2.5836
MAY	73	73	27.0	2.6784	66.5	2.5857	32.9	1.7334	35.8	2.6402	35.5	2.5562
JUN	73	73	27.2	2.6623	67.0	2.5689	32.9	1.7317	36.0	2.6238	35.7	2.5416
JUL	73	74	27.2	2.6641	67.0	2.5690	32.9	1.7301	36.0	2.6248	35.7	2.5423
AUG	73	74	27.2	2.6594	67.0	2.5667	32.9	1.7301	36.1	2.6211	35.8	2.5390
SEP	73	74	27.5	2.6359	67.2	2.5599	32.9	1.7301	36.3	2.6047	36.0	2.5246
OCT	73	74	27.7	2.6197	67.2	2.5590	33.0	1.7268	36.4	2.5948	36.1	2.5155
NOV	73	74	27.9	2.5925	67.4	2.5532	33.0	1.7251	36.7	2.5765	36.3	2.4990
DEC	73	74	28.4	2.5537	67.6	2.5448	33.3	1.7121	37.1	2.5501	36.7	2.4741
JAN	74	74	29.3	2.4705	68.5	2.5099	33.5	1.7040	38.0	2.4863	37.6	2.4166
FEB	74	74	29.5	2.4527	69.0	2.4918	33.5	1.7008	38.3	2.4683	37.8	2.4003
MAR	74	74	30.5	2.3748	71.5	2.4067	33.8	1.6881	39.6	2.3876	39.0	2.3271
APR	74	74	31.7	2.2821	73.1	2.3515	34.1	1.6710	40.9	2.3096	40.3	2.2555
MAY	74	74	32.8	2.2116	80.9	2.1268	34.5	1.6512	43.4	2.1766	42.6	2.1339
JUN	74	74	33.5	2.1622	82.7	2.0001	35.1	1.6259	44.4	2.1283	43.5	2.0878
JUL	74	75	35.5	2.0405	85.6	2.0091	35.3	1.6143	46.6	2.0277	45.5	1.9956

HISTORICAL INFLATION
MONTHLY INDICES

RAW MATERIAL PORTION ONLY

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
			INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=
	CY	FY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
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AUG	74	75	36.9	1.9642	91.2	1.8861	35.9	1.5888	49.0	1.9319	47.6	1.9060
SEP	74	75	36.9	1.9627	91.5	1.8792	35.7	1.5972	49.0	1.9281	47.7	1.9033
OCT	74	75	37.8	1.9185	92.6	1.8573	36.0	1.5833	50.0	1.8933	48.6	1.8703
NOV	74	75	37.6	1.9254	92.8	1.8530	36.8	1.5494	49.9	1.8954	48.6	1.8692
DEC	74	75	37.5	1.9317	93.6	1.8373	36.9	1.5467	50.0	1.8924	48.7	1.8662
JAN	75	75	38.5	1.8806	98.8	1.7407	36.9	1.5428	51.9	1.8214	50.4	1.8010
FEB	75	75	38.5	1.8819	96.4	1.7849	36.9	1.5467	51.4	1.8415	49.9	1.8197
MAR	75	75	38.5	1.8816	96.2	1.7881	36.7	1.5520	51.3	1.8426	49.9	1.8212
APR	75	75	38.7	1.8725	96.4	1.7842	36.6	1.5560	51.5	1.8358	50.0	1.8153
MAY	75	75	39.0	1.8567	96.9	1.7745	36.4	1.5655	51.9	1.8225	50.3	1.8039
JUN	75	75	39.0	1.8571	95.2	1.8072	36.4	1.5641	51.5	1.8366	50.0	1.8168
JUL	75	76	39.1	1.8549	95.3	1.8044	36.4	1.5655	51.6	1.8341	50.0	1.8146
AUG	75	76	39.7	1.8245	95.4	1.8028	36.3	1.5723	52.1	1.8157	50.5	1.7982
SEP	75	76	39.8	1.8224	95.4	1.8027	36.1	1.5805	52.1	1.8144	50.5	1.7977
OCT	75	76	39.6	1.8287	95.3	1.8056	35.9	1.5888	52.0	1.8193	50.4	1.8028
NOV	75	76	39.6	1.8276	93.8	1.8331	36.0	1.5833	51.7	1.8298	50.1	1.8121
DEC	75	76	39.6	1.8292	93.8	1.8341	36.0	1.5833	51.6	1.8312	50.1	1.8133
JAN	76	76	40.1	1.8055	98.7	1.7435	36.1	1.5805	53.1	1.7799	51.4	1.7659
FEB	76	76	40.3	1.7992	98.7	1.7432	36.2	1.5750	53.2	1.7761	51.5	1.7620
MAR	76	76	40.6	1.7848	99.2	1.7338	36.2	1.5736	53.6	1.7638	51.9	1.7505
APR	76	76	40.8	1.7755	99.2	1.7333	36.3	1.5709	53.8	1.7582	52.0	1.7451
MAY	76	76	41.5	1.7441	99.3	1.7317	36.3	1.5695	54.4	1.7390	52.6	1.7273
JUN	76	76	42.1	1.7188	99.4	1.7299	36.5	1.5628	54.9	1.7233	53.0	1.7122
JUL	76	7T	42.3	1.7120	99.8	1.7239	36.5	1.5601	55.1	1.7168	53.2	1.7060
AUG	76	7T	42.9	1.6874	102.5	1.6775	36.5	1.5614	56.2	1.6834	54.2	1.6752
SEP	76	7T	44.1	1.6433	103.2	1.6670	36.6	1.5574	57.2	1.6528	55.2	1.6465
OCT	76	77	44.1	1.6412	103.2	1.6669	36.8	1.5494	57.3	1.6515	55.2	1.6447
NOV	76	77	44.1	1.6438	103.2	1.6663	36.8	1.5480	57.2	1.6529	55.2	1.6459
DEC	76	77	44.0	1.6479	103.2	1.6666	36.9	1.5428	57.1	1.6554	55.1	1.6479
JAN	77	77	43.9	1.6493	105.5	1.6304	37.2	1.5310	57.6	1.6416	55.6	1.6342
FEB	77	77	44.0	1.6453	106.2	1.6201	37.3	1.5284	57.8	1.6350	55.8	1.6279
MAR	77	77	44.4	1.6322	109.1	1.5771	37.3	1.5297	58.8	1.6095	56.6	1.6042
APR	77	77	45.4	1.5964	109.2	1.5752	37.5	1.5220	59.6	1.5878	57.4	1.5835
MAY	77	77	45.4	1.5940	112.6	1.5275	37.4	1.5233	60.4	1.5664	58.1	1.5637
JUN	77	77	45.5	1.5935	113.5	1.5159	37.5	1.5220	60.6	1.5612	58.3	1.5587
JUL	77	77	46.3	1.5646	114.3	1.5042	37.4	1.5246	61.4	1.5396	59.0	1.5387
AUG	77	77	46.4	1.5603	114.4	1.5039	37.4	1.5233	61.5	1.5370	59.1	1.5361
SEP	77	77	46.2	1.5666	113.5	1.5150	38.0	1.5018	61.2	1.5453	58.9	1.5425
OCT	77	78	46.3	1.5649	113.6	1.5147	38.1	1.4944	61.2	1.5442	58.9	1.5410
NOV	77	78	46.6	1.5536	113.0	1.5225	38.3	1.4870	61.4	1.5409	59.1	1.5374
DEC	77	78	46.6	1.5533	113.0	1.5225	38.3	1.4894	61.4	1.5407	59.1	1.5374
JAN	78	78	46.9	1.5461	111.4	1.5447	39.2	1.4547	61.2	1.5455	59.0	1.5395
FEB	78	78	47.3	1.5314	111.5	1.5434	39.3	1.4512	61.6	1.5362	59.3	1.5306

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RAW MATERIAL PORTION ONLY

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
			INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR
	CY	FY	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000
MAR	78	78	48.2	1.5017	111.4	1.5440	39.6	1.4385	62.3	1.5185	60.0	1.5132
APR	78	78	48.5	1.4938	110.8	1.5525	39.5	1.4443	62.3	1.5170	60.1	1.5122
MAY	78	78	48.7	1.4876	111.7	1.5399	39.7	1.4362	62.7	1.5083	60.4	1.5036
JUN	78	78	48.9	1.4805	112.9	1.5233	39.9	1.4272	63.2	1.4975	60.8	1.4929
JUL	78	78	49.3	1.4697	114.4	1.5042	40.0	1.4238	63.8	1.4834	61.4	1.4795
AUG	78	78	50.1	1.4453	115.3	1.4922	40.0	1.4249	64.6	1.4639	62.1	1.4614
SEP	78	78	50.2	1.4437	115.0	1.4961	40.1	1.4227	64.6	1.4644	62.1	1.4617
OCT	78	79	50.3	1.4411	114.3	1.5045	40.5	1.4083	64.5	1.4661	62.1	1.4623
NOV	78	79	50.5	1.4341	114.4	1.5035	40.9	1.3921	64.7	1.4614	62.3	1.4568
DEC	78	79	50.9	1.4239	115.7	1.4871	40.9	1.3921	65.3	1.4488	62.8	1.4451
JAN	79	79	51.1	1.4163	117.2	1.4670	41.1	1.3878	65.8	1.4364	63.4	1.4332
FEB	79	79	51.6	1.4029	118.6	1.4504	41.3	1.3793	66.5	1.4217	64.0	1.4190
MAR	79	79	52.2	1.3867	119.7	1.4371	41.5	1.3741	67.2	1.4067	64.7	1.4046
APR	79	79	54.5	1.3294	124.0	1.3876	41.8	1.3637	69.9	1.3523	67.1	1.3531
MAY	79	79	55.1	1.3139	126.5	1.3389	41.9	1.3596	71.4	1.3239	68.5	1.3261
JUN	79	79	55.4	1.3074	131.2	1.3110	42.4	1.3455	72.3	1.3089	69.3	1.3111
JUL	79	79	56.2	1.2891	133.9	1.2848	43.0	1.3258	73.5	1.2874	70.4	1.2897
AUG	79	79	56.5	1.2823	134.7	1.2770	43.2	1.3200	73.9	1.2802	70.8	1.2826
SEP	79	79	56.5	1.2826	134.8	1.2758	43.9	1.2982	73.9	1.2798	70.9	1.2810
OCT	79	80	57.0	1.2702	152.1	1.1309	44.1	1.2935	78.2	1.2100	74.7	1.2149
NOV	79	80	60.0	1.2073	161.2	1.0670	44.4	1.2853	82.5	1.1464	78.7	1.1542
DEC	79	80	60.5	1.1976	161.4	1.0656	44.8	1.2735	82.9	1.1405	79.1	1.1480
JAN	80	80	61.4	1.1801	161.9	1.0624	46.1	1.2378	83.7	1.1295	80.0	1.1357
FEB	80	80	62.4	1.1611	188.0	0.9148	47.2	1.2072	90.3	1.0472	86.0	1.0559
MAR	80	80	62.7	1.1552	188.2	0.9138	47.6	1.1969	90.6	1.0438	86.3	1.0522
APR	80	80	64.5	1.1226	168.9	1.0181	48.3	1.1797	87.7	1.0779	83.8	1.0838
MAY	80	80	64.4	1.1248	168.9	1.0182	48.9	1.1653	87.6	1.0791	83.8	1.0842
JUN	80	80	64.5	1.1233	168.7	1.0194	49.5	1.1527	87.7	1.0788	83.8	1.0832
JUL	80	80	65.0	1.1150	168.9	1.0182	49.8	1.1446	88.1	1.0737	84.2	1.0779
AUG	80	80	65.4	1.1082	169.1	1.0172	50.4	1.1303	88.4	1.0695	84.6	1.0731
SEP	80	80	65.5	1.1066	169.2	1.0168	50.6	1.1268	88.5	1.0684	84.7	1.0719
OCT	80	81	66.5	1.0893	168.3	1.0221	50.6	1.1268	89.1	1.0611	85.3	1.0650
NOV	80	81	66.9	1.0828	167.7	1.0255	50.7	1.1240	89.3	1.0589	85.4	1.0628
DEC	80	81	66.9	1.0836	163.9	1.0492	51.0	1.1171	88.4	1.0694	84.7	1.0723
JAN	81	81	70.0	1.0347	169.5	1.0149	51.6	1.1055	92.1	1.0266	88.1	1.0312
FEB	81	81	70.3	1.0311	169.6	1.0142	51.7	1.1021	92.3	1.0242	88.3	1.0288
MAR	81	81	73.3	0.9882	171.2	1.0045	52.4	1.0869	95.1	0.9947	90.8	1.0001
APR	81	81	74.4	0.9736	172.5	0.9970	52.2	1.0921	96.2	0.9829	91.8	0.9891
MAY	81	81	74.5	0.9721	172.6	0.9968	52.2	1.0915	96.3	0.9819	91.9	0.9882
JUN	81	81	75.4	0.9602	173.7	0.9905	52.7	1.0810	97.3	0.9722	92.8	0.9784
JUL	81	81	76.4	0.9484	174.1	0.9879	53.6	1.0633	98.1	0.9640	93.7	0.9697
AUG	81	81	76.5	0.9472	174.5	0.9859	53.7	1.0614	98.4	0.9625	93.8	0.9681
SEP	81	81	76.5	0.9469	174.8	0.9841	53.8	1.0595	98.3	0.9616	93.9	0.9672

HISTORICAL INFLATION
MONTHLY INDICES

RAW MATERIAL PORTION ONLY

			AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
			INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=	INDEX CY67=	FACTOR FY83=
	CY	FY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
OCT	81	82	77.0	0.9409	175.0	0.9830	53.7	1.0608	98.8	0.9575	94.3	0.9633
NOV	81	82	77.0	0.9403	174.0	0.9868	53.8	1.0601	98.6	0.9593	94.1	0.9651
DEC	81	82	77.6	0.9330	174.3	0.9868	54.0	1.0558	99.1	0.9540	94.6	0.9598
JAN	82	82	77.9	0.9298	174.5	0.9857	55.0	1.0371	99.4	0.9516	94.9	0.9566
FEB	82	82	78.0	0.9290	175.5	0.9799	55.2	1.0335	99.7	0.9489	95.2	0.9538
MAR	82	82	77.9	0.9302	175.3	0.9813	55.3	1.0311	99.5	0.9502	95.1	0.9549
APR	82	82	77.4	0.9358	176.5	0.9746	55.3	1.0306	99.4	0.9511	95.0	0.9557
MAY	82	82	76.6	0.9461	176.7	0.9735	55.3	1.0300	98.8	0.9570	94.5	0.9613
JUN	82	82	76.4	0.9476	176.7	0.9736	55.3	1.0306	98.7	0.9580	94.4	0.9622
JUL	82	82	76.2	0.9501	176.1	0.9769	55.3	1.0311	98.4	0.9608	94.1	0.9649
AUG	82	82	76.3	0.9500	176.1	0.9769	55.3	1.0306	98.4	0.9607	94.1	0.9648
SEP	82	82	76.2	0.9509	175.5	0.9800	55.5	1.0276	98.3	0.9625	94.0	0.9663
OCT	82	83	73.3	0.9880	172.7	0.9962	55.6	1.0253	95.4	0.9913	91.4	0.9934
NOV	82	83	73.2	0.9896	172.7	0.9962	56.2	1.0138	95.3	0.9922	91.4	0.9936
DEC	82	83	73.2	0.9898	172.7	0.9962	56.2	1.0138	95.3	0.9924	91.4	0.9937
JAN	83	83	73.2	0.9899	172.6	0.9963	56.4	1.0104	95.3	0.9925	91.4	0.9936
FEB	83	83	72.3	1.0017	172.1	0.9997	56.7	1.0048	94.5	1.0009	90.7	1.0011
MAR	83	83	72.3	1.0016	172.1	0.9997	56.8	1.0043	94.5	1.0008	90.7	1.0011
APR	83	83	71.1	1.0193	171.1	1.0053	56.9	1.0015	93.3	1.0136	89.7	1.0128
MAY	83	83	71.1	1.0184	171.1	1.0053	56.8	1.0043	93.3	1.0131	89.7	1.0125
JUN	83	83	71.2	1.0173	171.2	1.0048	57.1	0.9987	93.4	1.0122	89.8	1.0114
JUL	83	83	71.9	1.0072	171.8	1.0012	58.3	0.9771	94.1	1.0048	90.5	1.0030
AUG	83	83	72.1	1.0045	171.8	1.0011	58.4	0.9761	94.3	1.0031	90.7	1.0014
SEP	83	83	74.3	0.9749	172.4	0.9980	58.6	0.9729	96.1	0.9841	92.3	0.9834

HISTORICAL INFLATION
QUARTERLY INDICES

RAW MATERIAL PORTION ONLY

		AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
		INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR
QTR	CY	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000	CY67= 100.0	FY83= 1.0000
3	67	24.1	3.0104	52.4	3.2815	31.4	1.8157	30.4	3.1144	30.5	2.9806
4	67	24.3	2.9858	54.0	3.1871	31.3	1.8194	30.9	3.0640	30.9	2.9379
1	68	24.5	2.9537	54.3	3.1650	31.3	1.8206	31.2	3.0356	31.2	2.9135
2	68	24.5	2.9624	54.4	3.1634	31.3	1.8218	31.1	3.0405	31.1	2.9180
3	68	24.6	2.9470	54.5	3.1579	31.2	1.8279	31.2	3.0288	31.2	2.9088
4	68	24.5	2.9584	54.2	3.1728	31.2	1.8267	31.1	3.0415	31.1	2.9196
1	69	25.0	2.8964	55.7	3.0866	31.4	1.8127	31.8	2.9704	31.8	2.8559
2	69	25.5	2.8414	56.4	3.0495	31.7	1.7989	32.4	2.9220	32.3	2.8118
3	69	25.6	2.8245	57.1	3.0123	31.7	1.7959	32.6	2.8975	32.5	2.7901
4	69	25.9	2.8018	62.0	2.7753	32.0	1.7829	33.9	2.7911	33.7	2.6954
1	70	26.1	2.7714	65.1	2.6417	31.7	1.7989	34.8	2.7175	34.5	2.6331
2	70	26.3	2.7552	65.1	2.6414	31.7	1.8001	34.9	2.7081	34.6	2.6250
3	70	26.3	2.7547	65.2	2.6363	31.9	1.7876	35.0	2.7056	34.6	2.6211
4	70	26.2	2.7640	65.7	2.6184	32.1	1.7783	35.0	2.7033	34.7	2.6178
1	71	26.1	2.7795	66.1	2.6021	32.5	1.7524	35.0	2.7050	34.7	2.6157
2	71	26.4	2.7450	67.4	2.5518	32.4	1.7581	35.5	2.6635	35.2	2.5801
3	71	26.4	2.7435	68.7	2.5045	32.5	1.7564	35.8	2.6416	35.5	2.5606
4	71	26.4	2.7490	68.5	2.5095	32.3	1.7632	35.7	2.6469	35.4	2.5662
1	72	26.4	2.7416	68.7	2.5038	32.5	1.7558	35.8	2.6403	35.5	2.5593
2	72	26.6	2.7189	67.5	2.5497	32.7	1.7451	35.7	2.6479	35.4	2.5646
3	72	26.7	2.7175	63.9	2.6931	32.7	1.7457	34.9	2.7076	34.7	2.6171
4	72	26.6	2.7221	63.6	2.7041	32.5	1.7530	34.8	2.7148	34.6	2.6244
1	73	26.7	2.7090	64.1	2.6826	32.6	1.7462	35.0	2.6982	34.8	2.6089
2	73	27.1	2.6759	66.2	2.5998	32.9	1.7351	35.8	2.6446	35.5	2.5603
3	73	27.3	2.6531	67.1	2.5652	32.9	1.7301	36.1	2.6168	35.8	2.5353
4	73	28.0	2.5883	67.4	2.5523	33.1	1.7213	36.7	2.5737	36.4	2.4961
1	74	29.8	2.4319	69.7	2.4686	33.6	1.6976	38.7	2.4466	38.1	2.3807
2	74	32.7	2.2176	78.9	2.1799	34.6	1.6491	42.9	2.2022	42.1	2.1568
3	74	36.4	1.9885	89.4	1.9230	35.6	1.6001	48.2	1.9615	47.0	1.9341
4	74	37.6	1.9252	93.0	1.8491	36.6	1.5596	49.9	1.8937	48.6	1.8686
1	75	38.5	1.8814	97.1	1.7710	36.8	1.5472	51.5	1.8351	50.1	1.8139
2	75	38.9	1.8621	96.2	1.7885	36.5	1.5619	51.6	1.8316	50.1	1.8120
3	75	39.5	1.8338	95.4	1.8033	36.2	1.5727	51.9	1.8214	50.4	1.8035
4	75	39.6	1.8285	94.3	1.8242	36.0	1.5851	51.8	1.8267	50.2	1.8094
1	76	40.3	1.7964	98.8	1.7401	36.2	1.5764	52.3	1.7732	51.6	1.7595
2	76	41.5	1.7458	99.5	1.7316	36.4	1.5677	54.3	1.7401	52.5	1.7284
3	76	43.1	1.6804	101.8	1.6891	36.6	1.5596	56.2	1.6839	54.2	1.6759
4	76	44.1	1.6443	103.2	1.6666	36.9	1.5467	57.2	1.6532	55.2	1.6461
1	77	44.1	1.6422	106.9	1.6088	37.3	1.5297	58.1	1.6266	56.0	1.6220
2	77	45.4	1.5946	111.8	1.5391	37.4	1.5224	60.2	1.5717	57.9	1.5685
3	77	46.3	1.5638	114.1	1.5077	37.6	1.5165	61.4	1.5406	59.0	1.5391
4	77	46.5	1.5572	113.2	1.5199	38.3	1.4903	61.3	1.5419	59.0	1.5386

HISTORICAL INFLATION
QUARTERLY INDICES

RAW MATERIAL PORTION ONLY

		AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
		INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR
QTR	CY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
1	78	47.5	1.5261	111.4	1.5440	39.4	1.4481	61.7	1.5333	59.4	1.5277
2	78	48.7	1.4873	111.8	1.5385	39.7	1.4359	62.7	1.5076	60.4	1.5028
3	78	49.9	1.4528	114.9	1.4975	40.0	1.4238	64.3	1.4705	61.9	1.4675
4	78	50.6	1.4330	114.8	1.4983	40.8	1.3974	64.8	1.4587	62.4	1.4547
1	79	51.7	1.4019	118.5	1.4514	41.3	1.3804	66.5	1.4215	64.0	1.4188
2	79	55.0	1.3168	127.9	1.3451	42.0	1.3562	71.2	1.3281	68.3	1.3299
3	79	56.4	1.2847	134.5	1.2792	43.4	1.3145	73.7	1.2824	70.7	1.2844
4	79	59.2	1.2242	158.2	1.0870	44.4	1.2841	81.2	1.1648	77.5	1.1716
1	80	62.2	1.1654	179.4	0.9589	47.0	1.2137	88.2	1.0721	84.1	1.0800
2	80	64.5	1.1236	168.9	1.0186	48.9	1.1658	87.7	1.0786	83.8	1.0837
3	80	65.3	1.1099	169.1	1.0174	50.3	1.1339	88.3	1.0706	84.5	1.0743
4	80	66.8	1.0852	166.7	1.0321	50.8	1.1226	89.0	1.0631	85.1	1.0667
1	81	71.2	1.0175	170.1	1.0112	51.9	1.0981	93.2	1.0150	89.0	1.0198
2	81	74.8	0.9686	172.9	0.9948	52.4	1.0882	96.6	0.9790	92.2	0.9852
3	81	76.5	0.9475	174.5	0.9860	53.7	1.0614	98.2	0.9627	93.8	0.9683
4	81	77.2	0.9380	174.4	0.9862	53.8	1.0589	98.8	0.9569	94.3	0.9627
1	82	77.9	0.9297	175.1	0.9823	55.1	1.0339	99.5	0.9502	95.1	0.9551
2	82	76.8	0.9432	176.6	0.9739	55.3	1.0304	99.0	0.9553	94.6	0.9597
3	82	76.2	0.9504	175.9	0.9779	55.4	1.0298	98.4	0.9613	94.1	0.9653
4	82	73.2	0.9891	172.7	0.9962	56.0	1.0176	95.3	0.9920	91.4	0.9935
1	83	72.6	0.9977	172.3	0.9986	56.6	1.0065	94.8	0.9981	90.9	0.9986
2	83	71.1	1.0183	171.1	1.0052	56.9	1.0015	93.4	1.0130	89.7	1.0122
3	83	72.8	0.9953	172.0	1.0001	58.4	0.9754	94.8	0.9972	91.2	0.9958

HISTORICAL INFLATION
FISCAL YEAR INDICES

RAW MATERIAL PORTION ONLY

FY	AIRFRAME PRODUCTION INDEX CY67= 100.0	AIRFRAME PRODUCTION FACTOR FY83= 1.0000	ENGINE PRODUCTION INDEX CY67= 100.0	ENGINE PRODUCTION FACTOR FY83= 1.0000	AVIONICS PRODUCTION INDEX CY67= 100.0	AVIONICS PRODUCTION FACTOR FY83= 1.0000	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE EXCLUDING AVIONICS FACTOR FY83= 1.0000	AGGREGATE AIR VEHICLE INCLUDING AVIONICS INDEX CY67= 100.0	AGGREGATE AIR VEHICLE INCLUDING AVIONICS FACTOR FY83= 1.0000
68	24.3	2.9779	53.8	3.1985	31.3	1.8194	30.9	3.0633	30.9	2.9372
69	24.9	2.9100	55.2	3.1159	31.4	1.8165	31.6	2.9899	31.6	2.8734
70	26.0	2.7880	62.3	2.7597	31.8	1.7944	34.1	2.7765	33.8	2.6843
71	26.2	2.7607	66.1	2.6018	32.2	1.7690	35.1	2.6942	34.8	2.6086
72	26.5	2.7382	68.3	2.5167	32.5	1.7551	35.8	2.6442	35.4	2.5627
73	26.8	2.7060	64.4	2.6692	32.7	1.7450	35.1	2.6910	34.9	2.6024
74	29.4	2.4609	70.8	2.4310	33.6	1.6990	38.6	2.4487	38.1	2.3827
75	37.9	1.9131	93.9	1.8310	36.4	1.5669	50.3	1.8790	48.9	1.8558
76	40.2	1.8005	97.0	1.7739	36.2	1.5754	52.8	1.7896	51.2	1.7745
TT	43.1	1.6804	101.8	1.6891	36.6	1.5596	56.2	1.6839	54.2	1.6755
77	45.0	1.6105	109.0	1.5782	37.3	1.5288	59.2	1.5973	57.0	1.5928
78	48.1	1.5048	112.8	1.5247	39.3	1.4491	62.5	1.5128	60.2	1.5087
79	53.4	1.3564	123.9	1.3881	41.9	1.3614	69.1	1.3690	66.4	1.3686
80	62.8	1.1541	168.9	1.0185	47.6	1.1967	86.4	1.0951	82.5	1.1010
81	72.3	1.0020	171.0	1.0057	52.2	1.0921	94.2	1.0035	90.0	1.0086
82	77.0	0.9402	175.5	0.9801	54.9	1.0381	98.9	0.9559	94.5	0.9607
83	72.4	1.0000	172.0	1.0000	57.0	1.0000	94.6	1.0000	90.8	1.0000